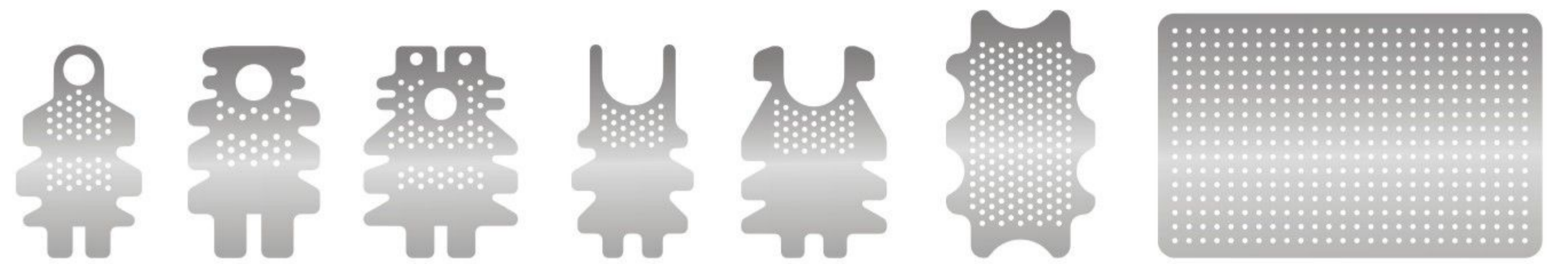
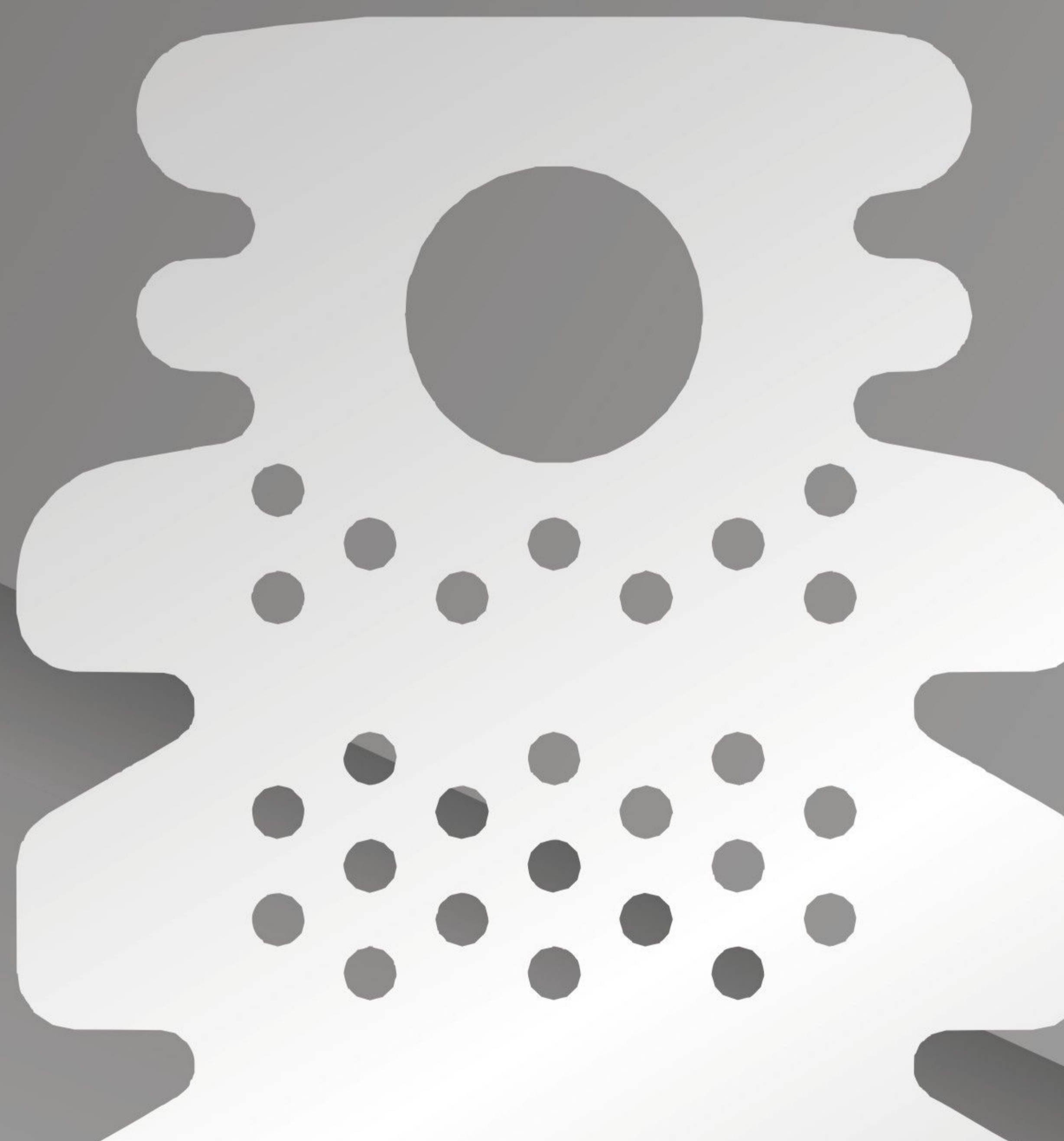


# *Anker* **Ti-Mesh**



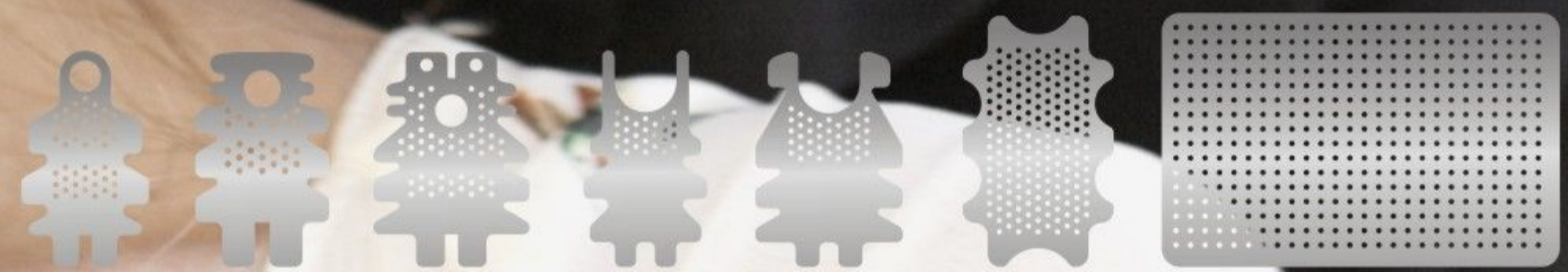
EN







# *Anker* **Ti-Mesh**





# INDEX

## Applications



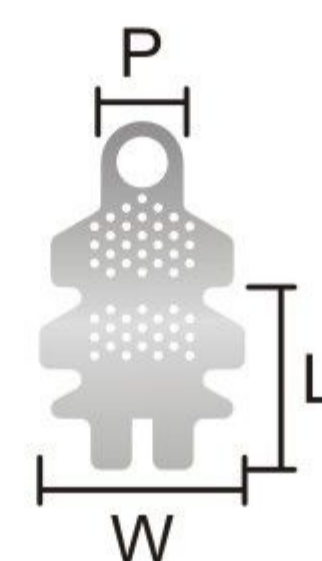
1~3

## Characteristic



4~6

## Ti-mesh



7~10

## Accessories

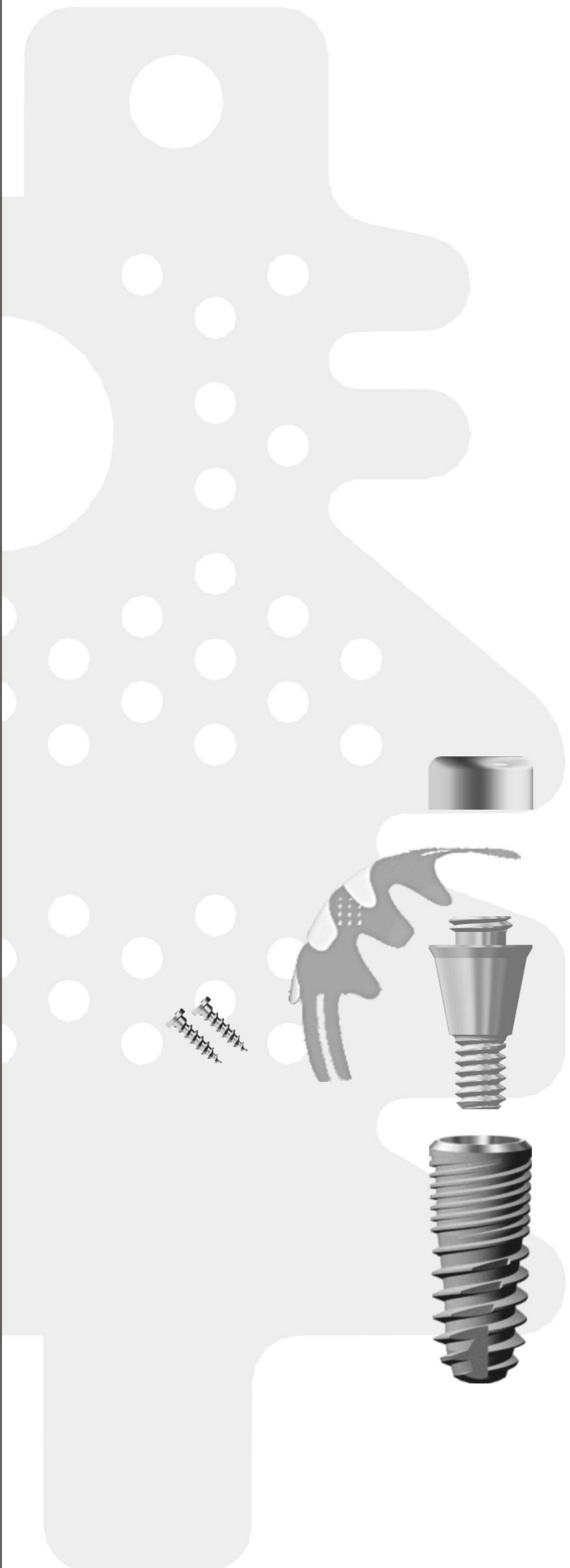


11~12

## Tools



13~16



# Bone level Vertical Ridge Augmentation(SBI/SBII/SBIII)



【A】 【B】 【C】 Type



Spacer

**Narrow**



Spacer

**Standard**

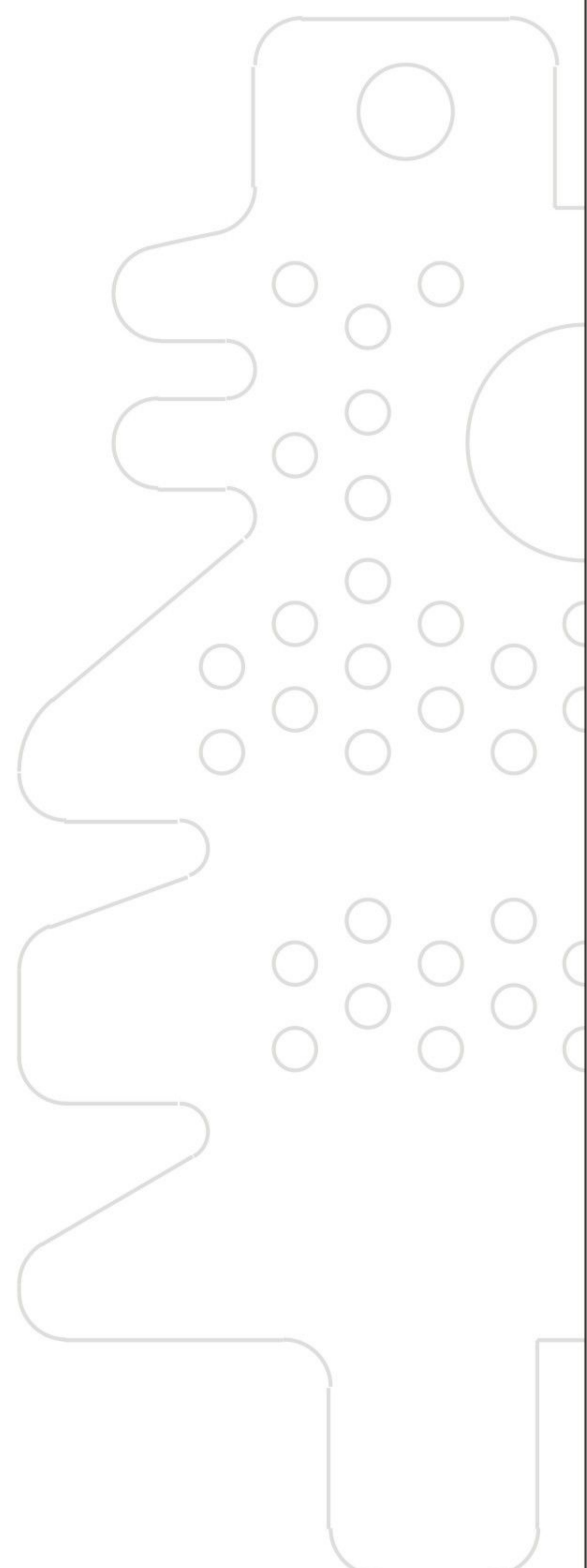
SB-I



SB-II

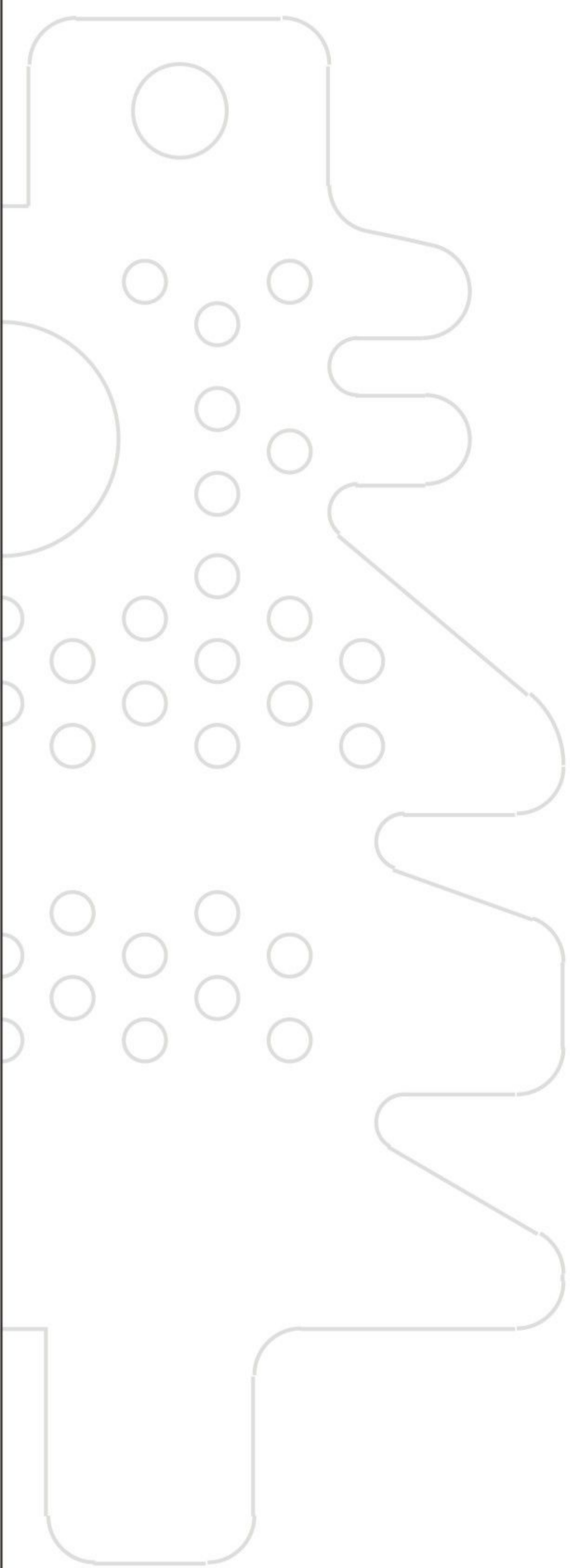


SB-III





**Tissue level**  
**Vertical Ridge Augmentation(ATI/ATII/ST)**



【E】 【F】 Type



Closure  
screw large



Closure  
screw small



Healing cap



AT-I



AT-II

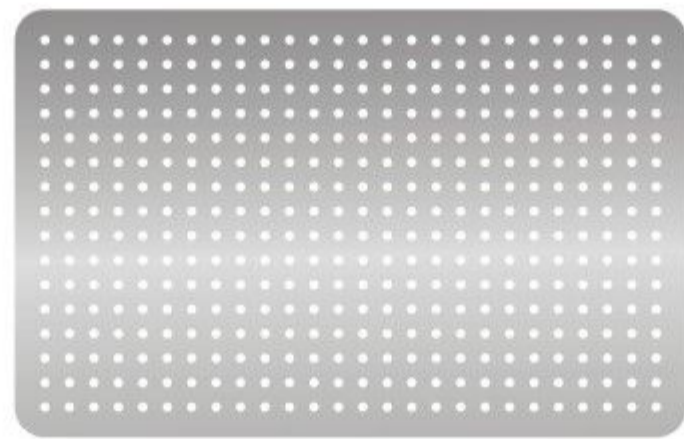


ST

## Large Area Bone Augmentation



Cover Screw



【G】 【H】 Type

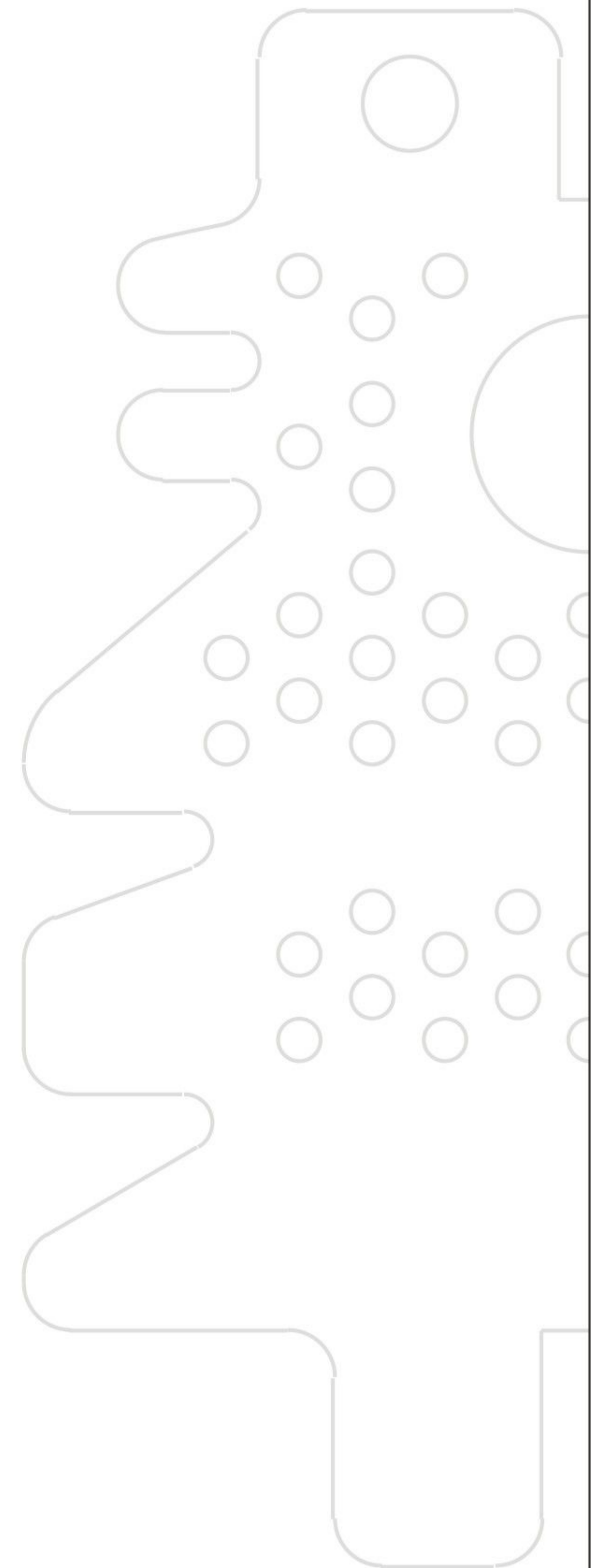


Tent Screw

## Ridge Fitting with Appropriate Ti-mesh Dimension



Fixing Screw







## **GBR Best combination : Anker Ti-Mesh + Spacer**

Elevate the alveolar bone height by 1 to 2mm  
Works for all the major dental implant systems.



Vertical Ridge Augmentation  
The height could be adjusted 1 to 2mm by the Spacer.

## **Anker-Spacer**

Elevate the alveolar bone height to optimize the osseointegration and alignment to implant or beneath the bone 0.5~1mm while implantation.

In the simultaneous approach group with no implant exposure to facilitate the second stage surgery and attain the outcome of esthetic.





## Anker Ti-Mesh Introduction

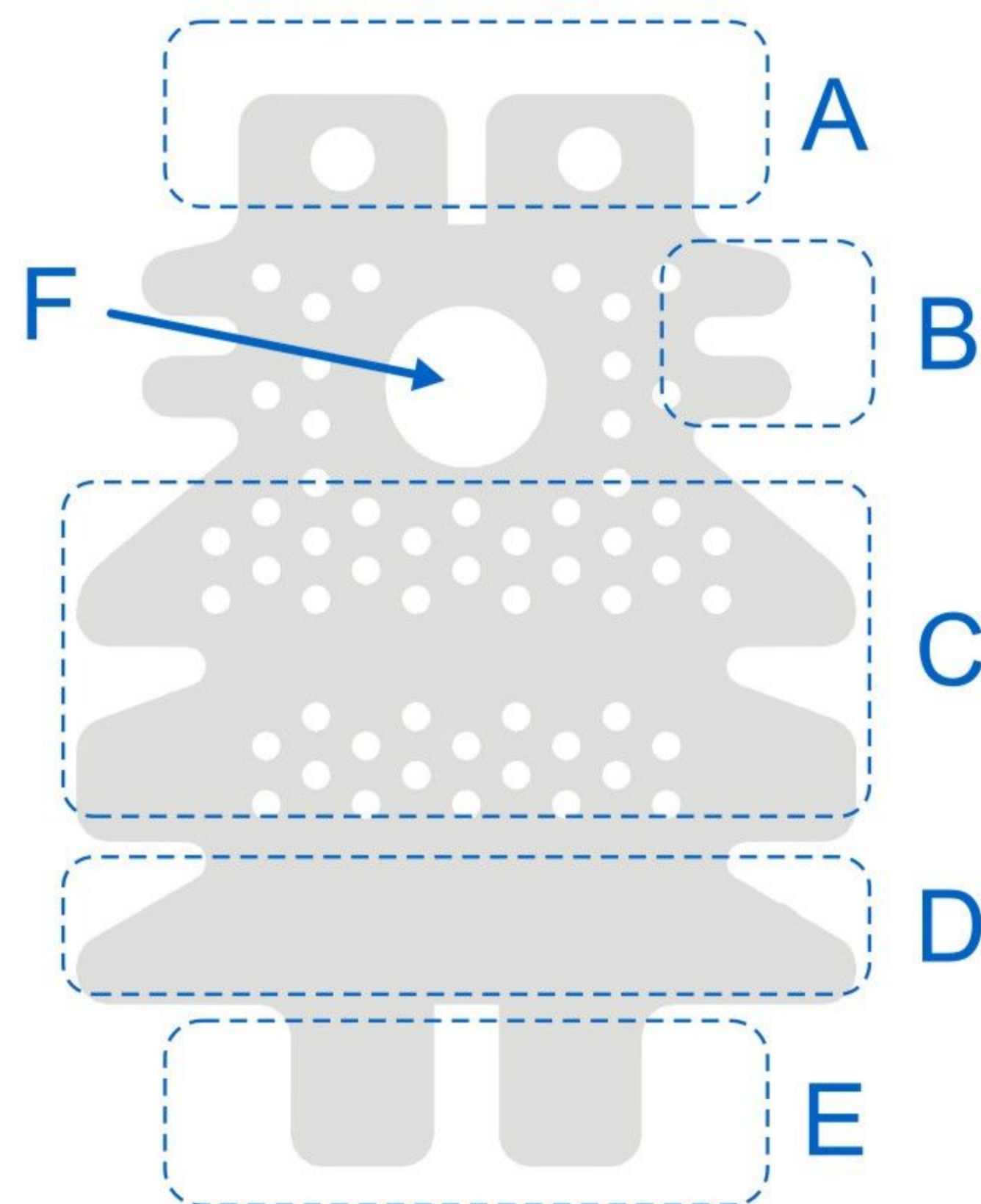
Anker Ti-Mesh can be used for reconstruction of bone defects. Product itself advantage is thinness, flexibility, well-fixation, and could also minimize the wound during titanium mesh removal surgery. The distinction between “Anker Ti-Mesh” and “Others Rectangle One” is the trimming convenience, bending difficulty and the soft tissue harmfulness when the tent screw is removed.

### Advantage

- **Material : High Biocompatibility**  
Anker Ti-Mesh is highly biocompatible which benefits bone reconstruction.
- **Excellent Biomechanics**  
Comparing to absorbable membranes, Anker Ti-Mesh offers superb mechanical properties.
- **High Flexible & Malleable**  
Anker Ti-Mesh is highly flexible, which makes it ideal for treating situations with limited space.
- **Easy to Customize / cut**  
Anker Ti-Mesh provides diversity shapes and sizes to meet different conditions.
- **Stability**  
Anker Ti-Mesh can directly fix on the implant.
- **Vertical Augmentation**  
The vertical height is adjustable from 0.5 to 2mm by using different types of Anker-spacer.



## Anker Ti-Mesh Feature



### A Lingual finger

- Create the space between 1 to 3mm to prevent the lingual deficiency.
- Easy to bend and cut.

### C Lateral augmentation part

- The juncture of C and D could generate the space to 1 to 3mm for bone reconstructing.
- Bend the side extrusion inwards in order to protect graft materials and form the space.
- Porous design minimizes the soft tissue exposure.

### E Foot

- Protect the graft materials from bending inwards, stabilize membrane by contacting the exiting bone.

### B Proximal finger

- Maintain the space even both mesial and distal are defective. The dispensable parts could be eliminated.

### D Lateral cover

- Multiple shape & sizes to meet your needs.
- Nonporous design facilitates the second stage surgery.

### F Fixing hole

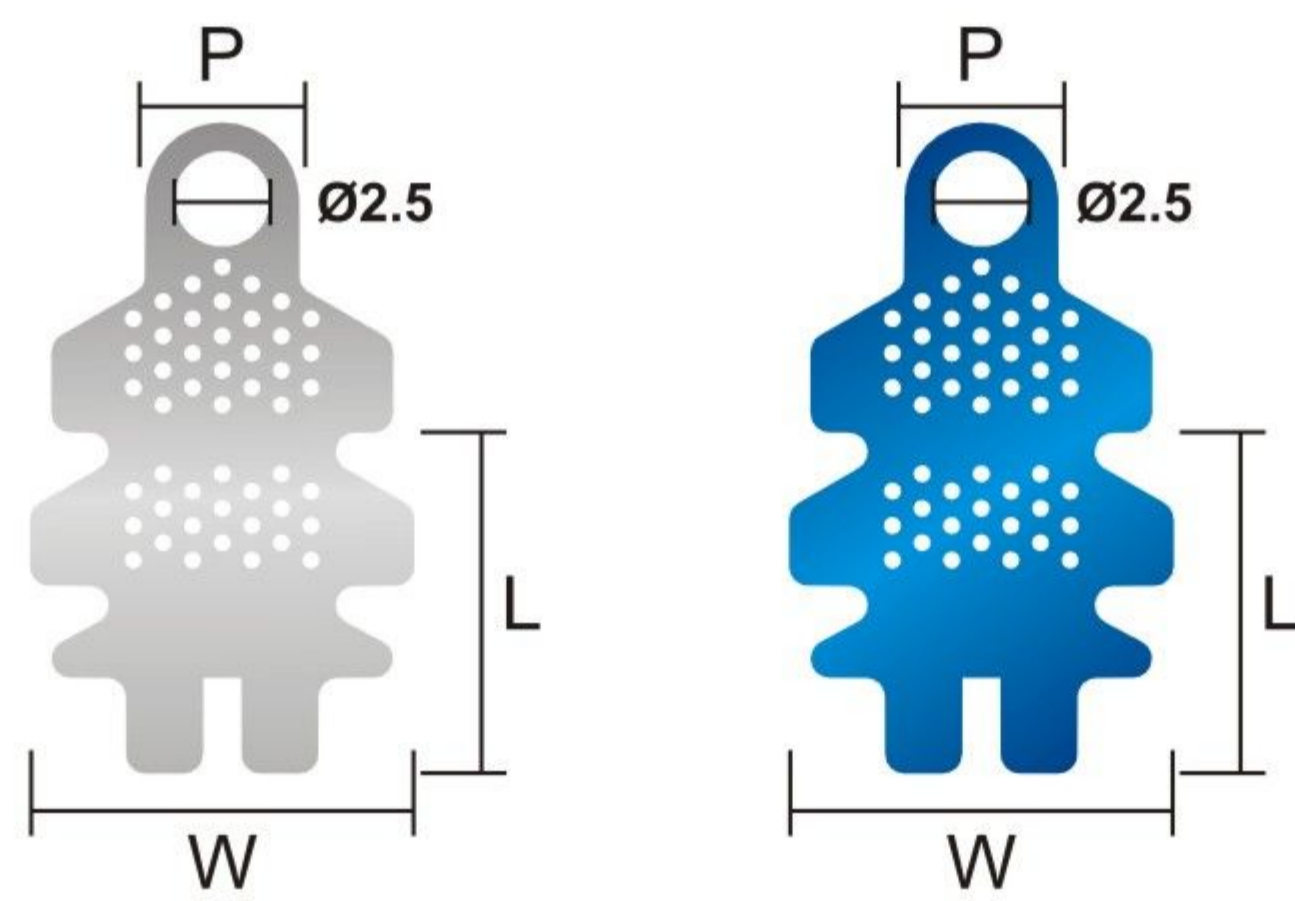
- The hole is used to fix the Anker Ti-Mesh to fixture. Connect the fixing hole with Anker Spacer to fixture in order to elevate the Anker Ti-Mesh and then install the Healing Abutment or Cover Cap. The Spacer height will finalize the vertical bone formation.



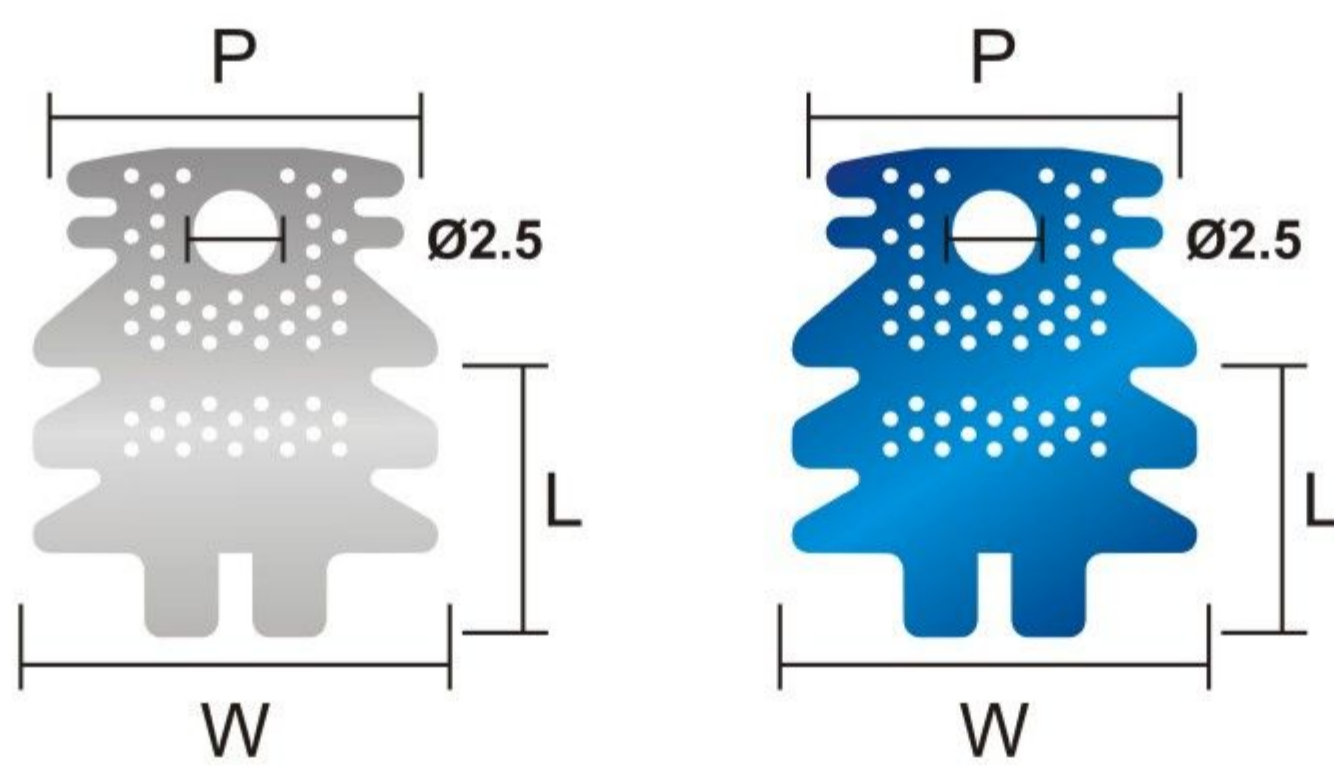


# Anker Ti-Mesh Size Guide

1. Determine type (A,B,C,E,F,G,H) based on coverage area or bone defect area
2. Determine P value based on occlusion width
3. Determine W value based on proximal space
4. When using type c dispensable portion can be removed if there is no buckle or lingual deficiency



<b>P</b> Proximal Width	<b>W</b> Buccal Width	<b>L</b> Buccal Length	REF NO.	BLUE REF NO.
4	8	6	ATMA040806N	ATMA040806
4	10	8	ATMA041008N	ATMA041008
4	10	10	ATMA041010N	ATMA041010

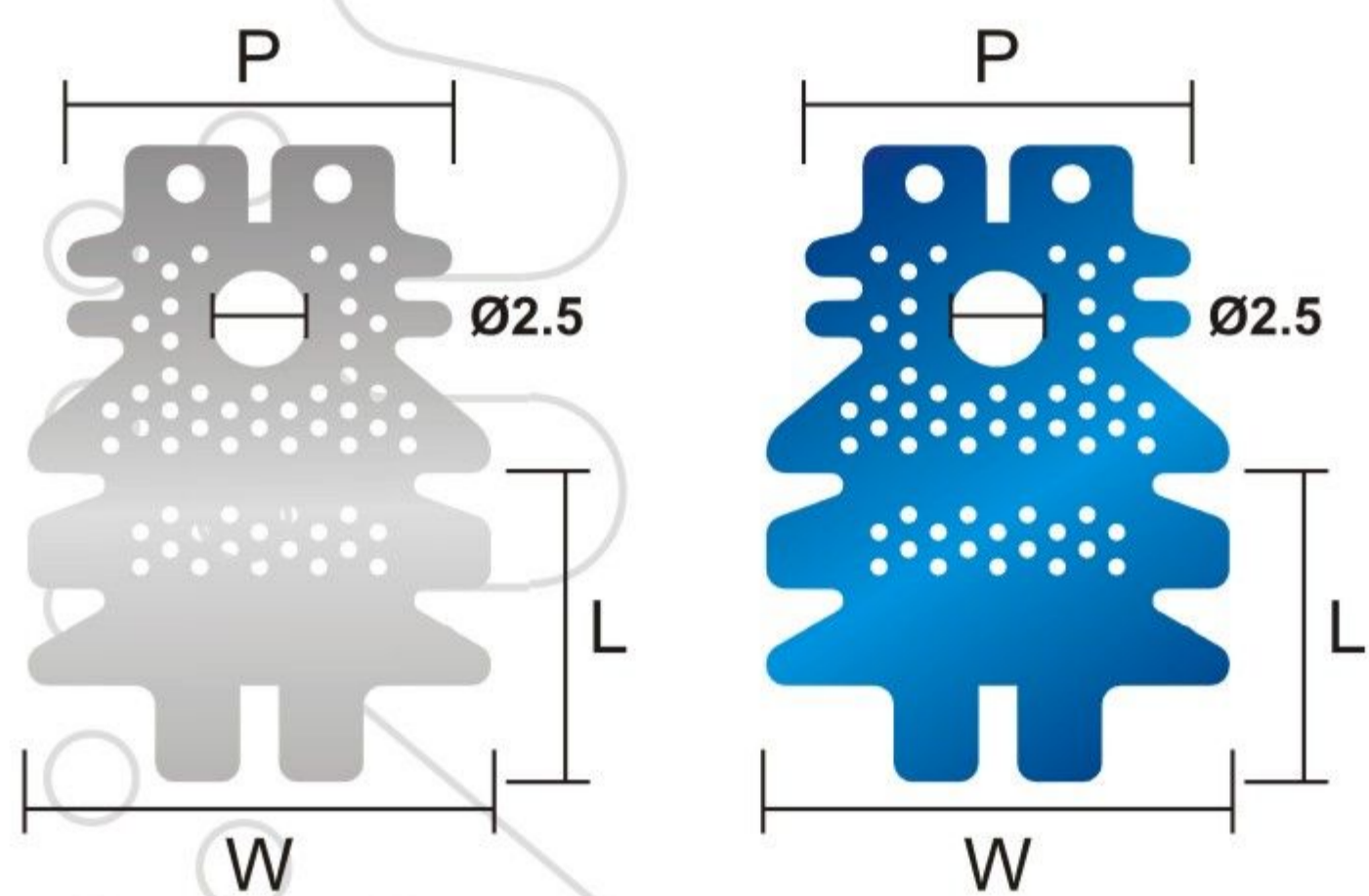


P	W	L	REF NO.	BLUE REF NO.
7	9	6	ATMB070906N	ATMB070906
		8	ATMB070908N	ATMB070908
		10	ATMB070910N	ATMB070910
10	12	6	ATMB101206N	ATMB101206
		8	ATMB101208N	ATMB101208
		10	ATMB101210N	ATMB101210
12	12	6	ATMB121206N	ATMB121206
		8	ATMB121208N	ATMB121208
		10	ATMB121210N	ATMB121210



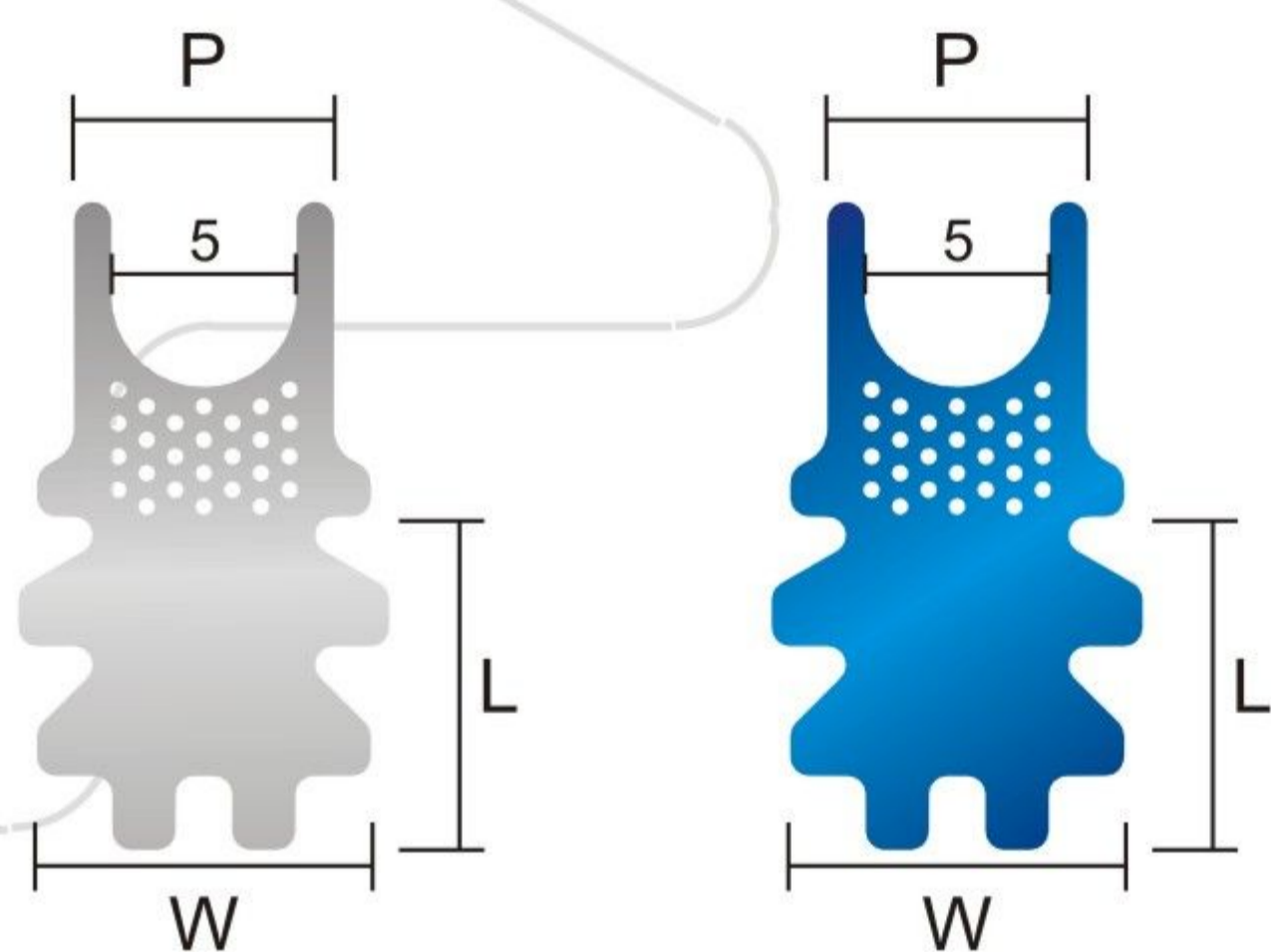
# Ti-Mesh

**C**  
SB  
Implant



P	W	L	REF NO.	BLUE REF NO.
7	9	6	ATMC070906N	ATMC070906
		8	ATMC070908N	ATMC070908
		10	ATMC070910N	ATMC070910
10	12	6	ATMC101206N	ATMC101206
		8	ATMC101208N	ATMC101208
		10	ATMC101210N	ATMC101210
12	12	6	ATMC121206N	ATMC121206
		8	ATMC121208N	ATMC121208
		10	ATMC121210N	ATMC121210

**E**  
AT  
Implant

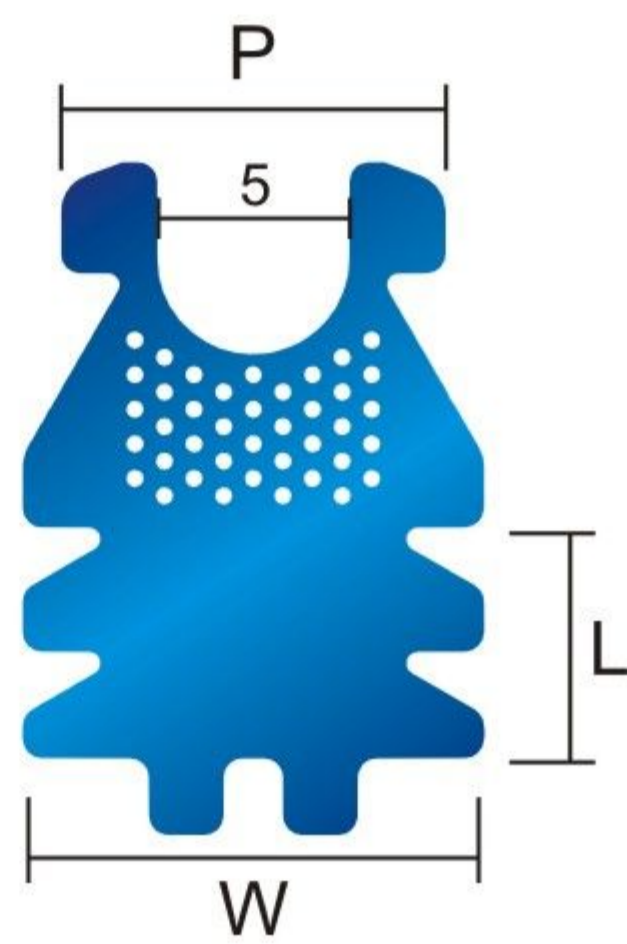
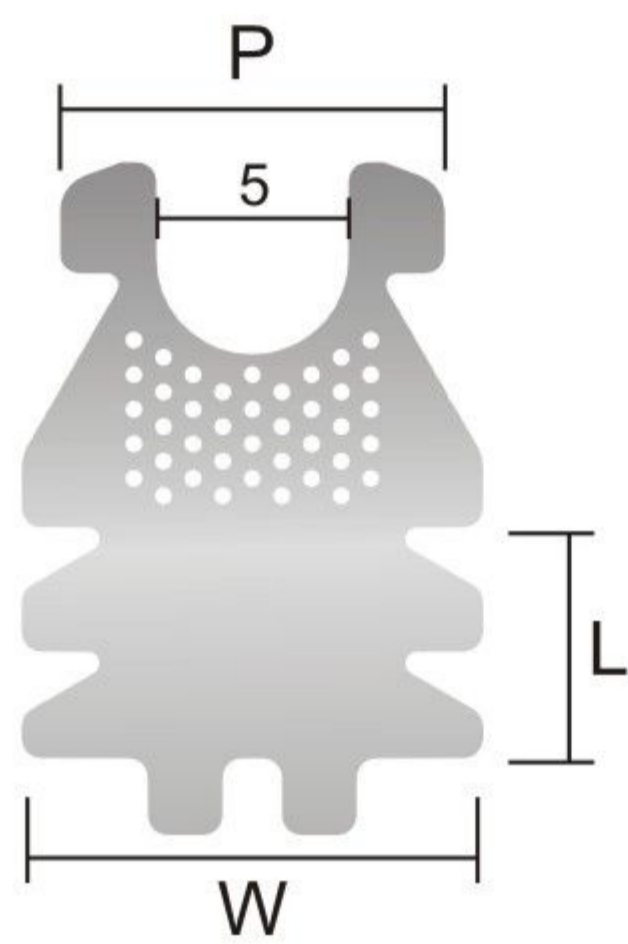


P	W	L	REF NO.	BLUE REF NO.
7	10	6	ATME071006N	ATME071006
		8	ATME071008N	ATME071008
		10	ATME071010N	ATME071010



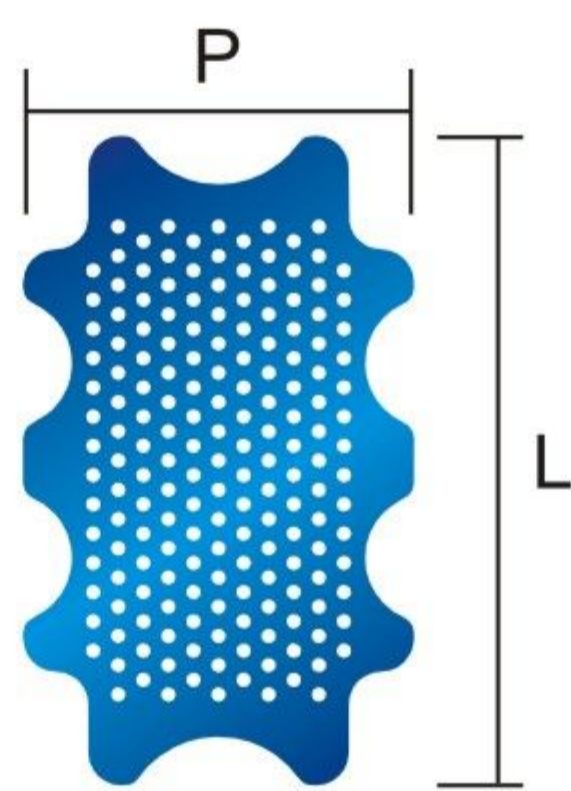
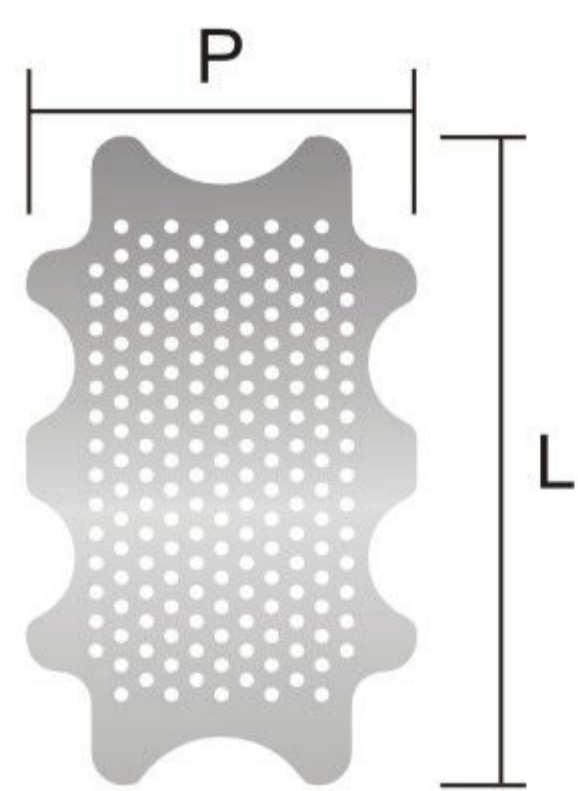
# Ti-Mesh

**F**  
AT  
Implant



P	W	L	REF NO.	BLUE REF NO.
10	12	6	ATMF101206N	ATMF101206
		8	ATMF101208N	ATMF101208
		10	ATMF101210N	ATMF101210

**G**

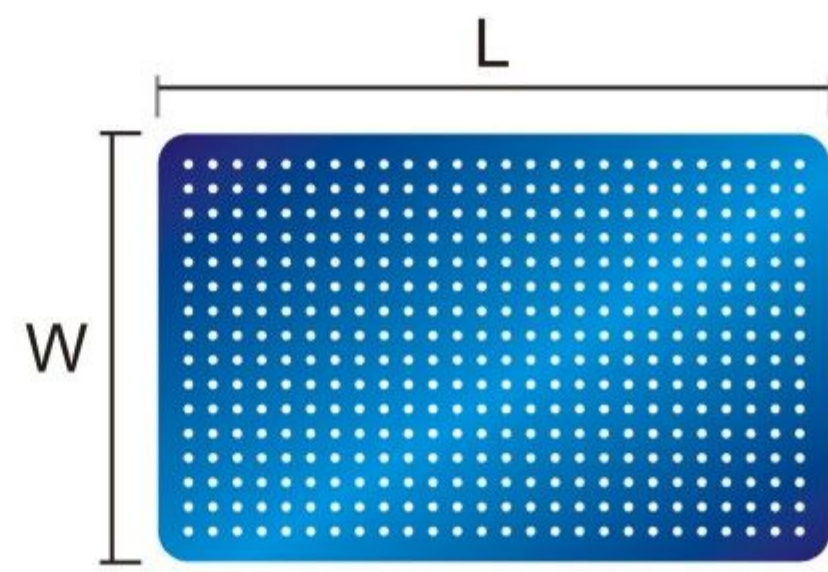
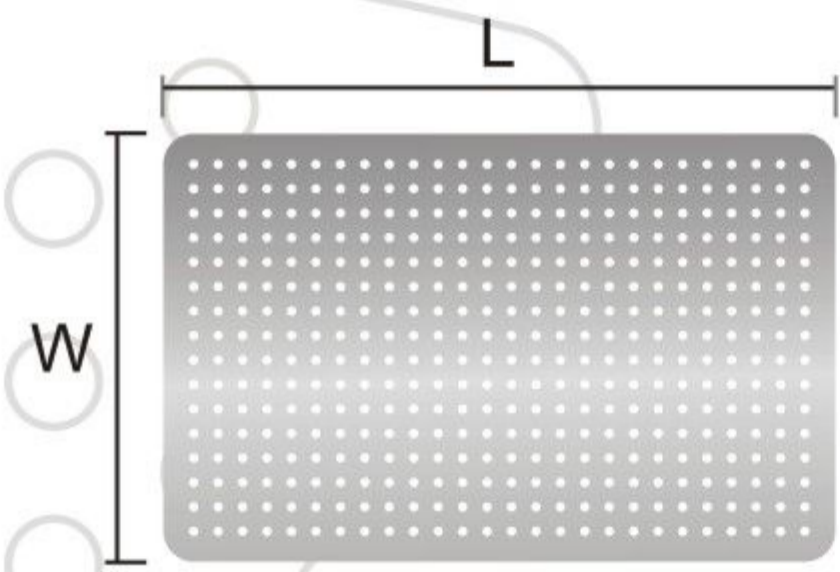


P	L	REF NO.	BLUE REF NO.
12	15	ATMG1215N	ATMG1215
12	20	ATMG1220N	ATMG1220
15	20	ATMG1520N	ATMG1520

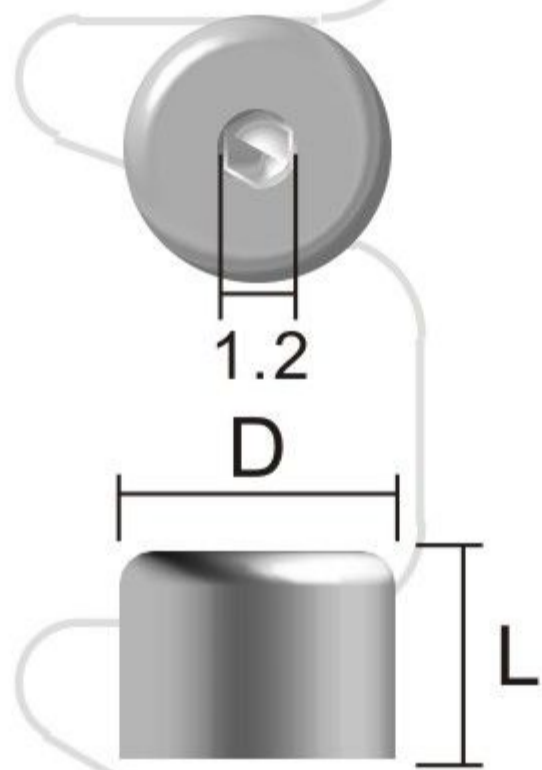


# Ti-Mesh

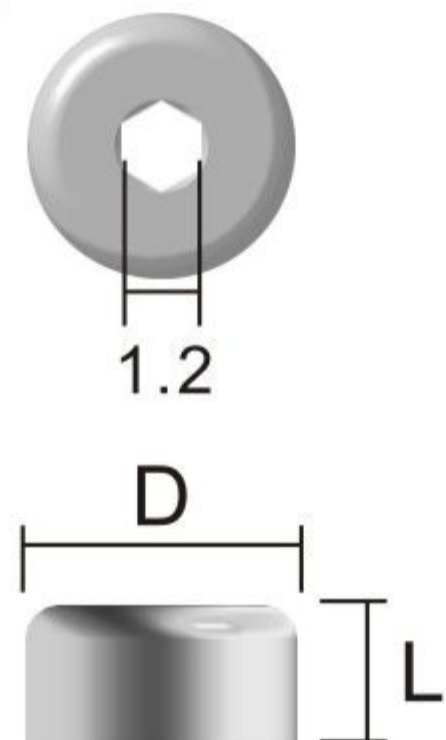
H



Healing Abutment



Cover Cap



WXL	REF NO.	BLUE REF NO.
35x55	ATMH3555N	ATMH3555

D \ L	3	4
Ø4.0	SBHA430	SBHA440

- .Completely sterilized
- .One stage surgery
- .Fix Ti-mesh on spacer
- .Recommend installation : 10Ncm
- .Do not reuse
- .Use 1.2 Hex Driver

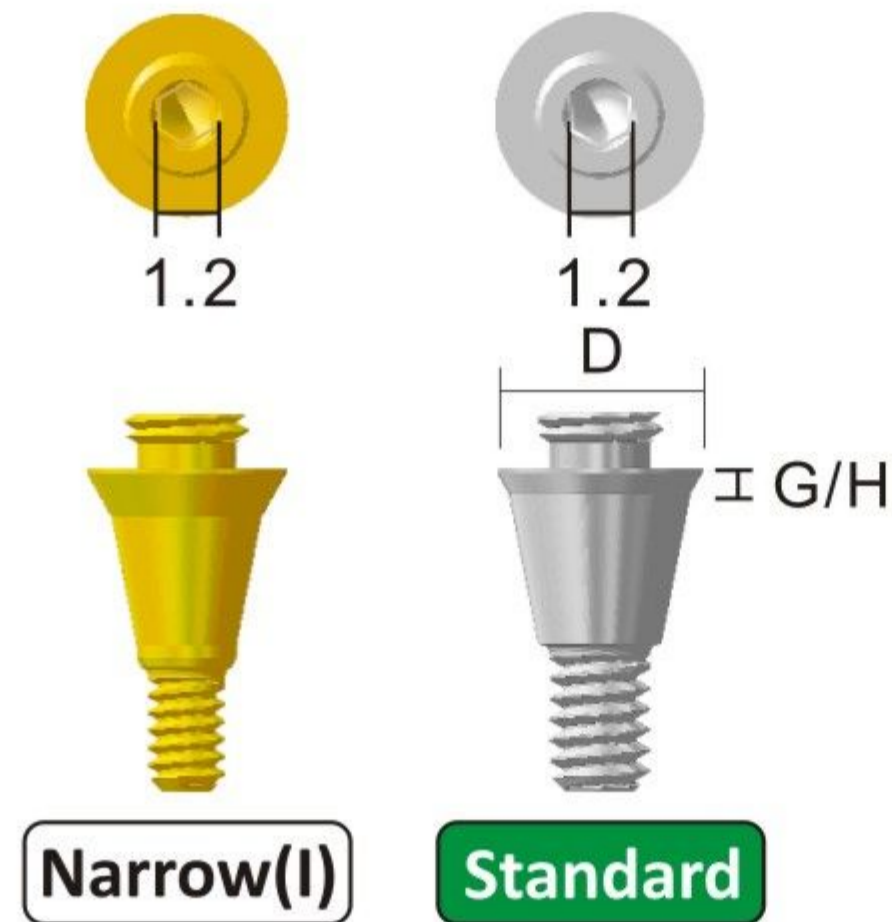
D \ L	2
Ø4.0	SBCC420

- .Completely sterilized
- .Two stage surgery
- .Fix Ti-mesh on spacer
- .Recommend installation : 10Ncm
- .Do not reuse
- .Use 1.2 Hex Driver



# Ti-Mesh

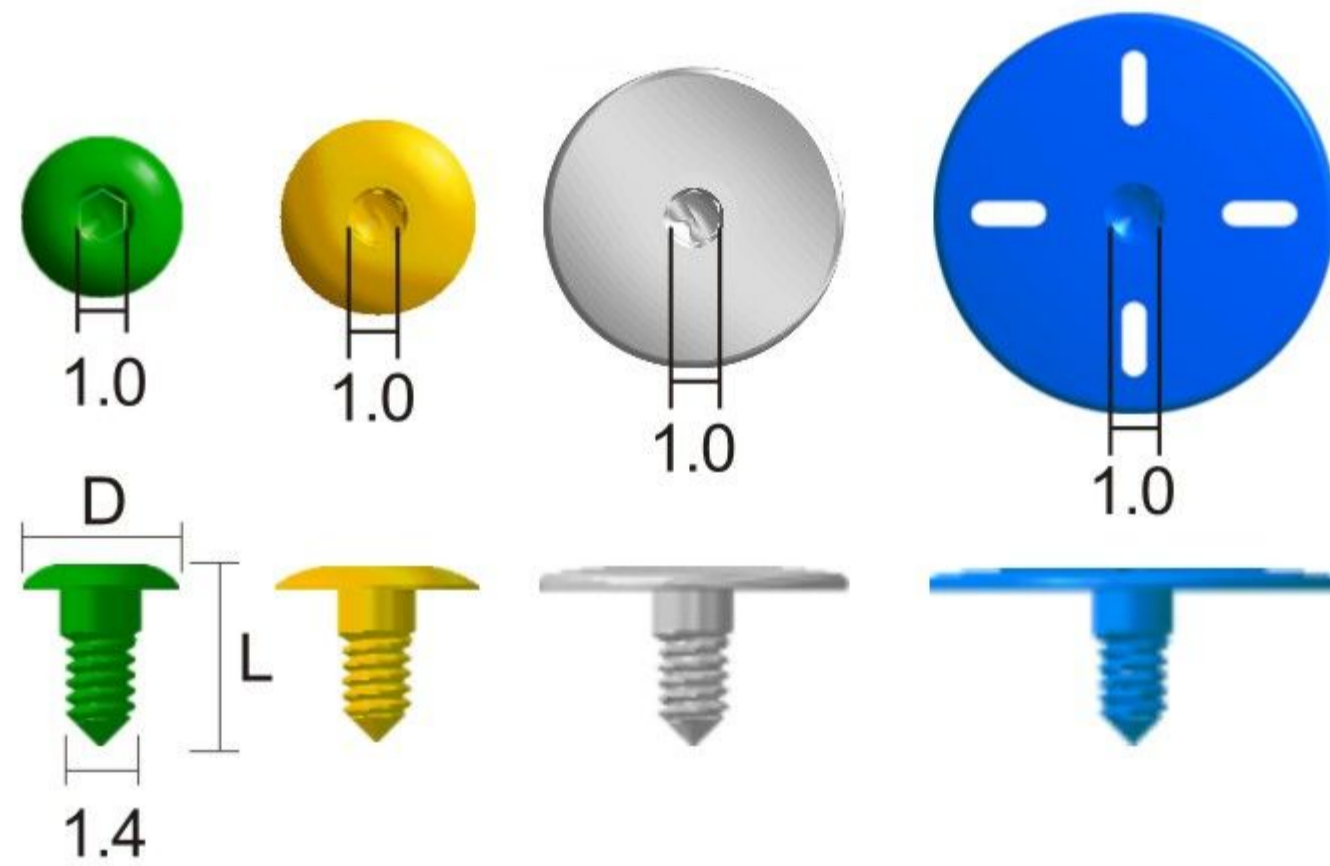
## Spacer



G/H \ D	Narrow(I) Ø4.0	Standard Ø4.0
0.5	SBSP405N(I)	SBSP405
1.0	SBSP410N(I)	SBSP410
1.5	SBSP415N(I)	SBSP415
2.0	SBSP420N(I)	SBSP420

- .Completely sterilized
- .For Augmentation
- .Narrow(I) :SBØ3.0 / Ø3.5 Implant
- .Standard :SBØ4.0 / Ø4.5 / Ø5.0 Implant
- .Recommended installation : 20Ncm
- .Do not reuse
- .Use 1.2 Hex Driver

## Cover Screw



D \ L	3.5mm	
Ø3.0	ATMCS3035	
Ø4.0	ATMCS4035	
Ø6.0	ATMCS6035	
Ø8.0	ATMCS8035	

- .Completely sterilized
- .Fix Ti-mesh on the tent screw
- .Recommended installation : 10Ncm
- .Do not reuse
- .Use Dual Hex Driver

## Tent Screw



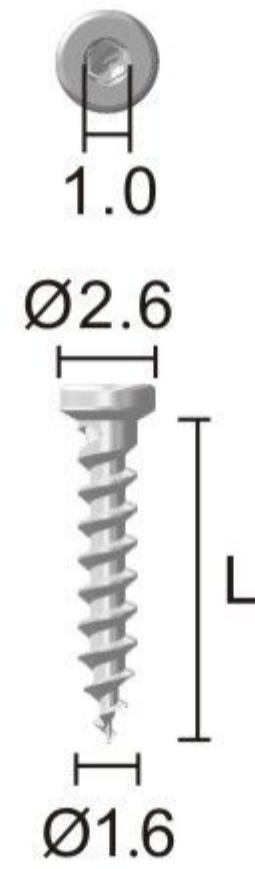
L \ D	1.3mm	1.5mm	2.0mm
8	ATMTS1308	ATMTS1508	ATMTS2008
10	ATMTS1310	ATMTS1510	ATMTS2010
12	ATMTS1312	ATMTS1512	ATMTS2012

- .Completely sterilized
- .For GBR vertical and horizontal augmentation
- .Recommended pre-drill Ø1.2 or Ø1.5
- .Recommended installation : 15Ncm
- .Do not reuse
- .Use Dual Hex Driver



# Ti-Mesh

## Fixing Screw



L	REF NO.
3	ATMFS2603
5	ATMFS2605
7	ATMFS2607
9	ATMFS2609

- .Completely sterilized
- .Fix Ti-mesh
- .Do not reuse
- .Recommended installation : 10Ncm ↓
- .Recommended pre-drill Ø1.2 for D1 and D2
- .Use Dual Hex Driver



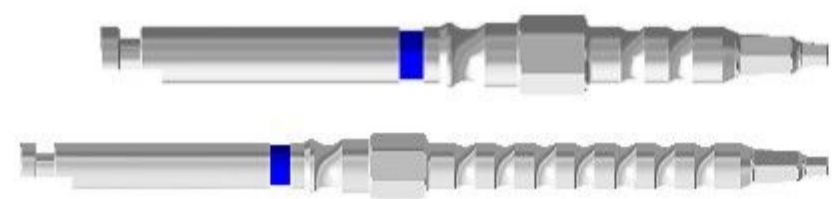
## CAUTION!

- 1.The operator should be a medical specialist who learned the required technical skills.
- 2.The operator should be fully aware of the procedure of the treatment and the direction for the use of the product.
- 3.Pouched contents are sterile until opened unless damaged or contaminated.
- 4.Do not use when package is damaged.
- 5.Make an effort to obtain primary closure over the material as any exposure may lead to complications.
- 6.Improper membrane size or shape could cause treatment failure.
- 7.Do not reuse.

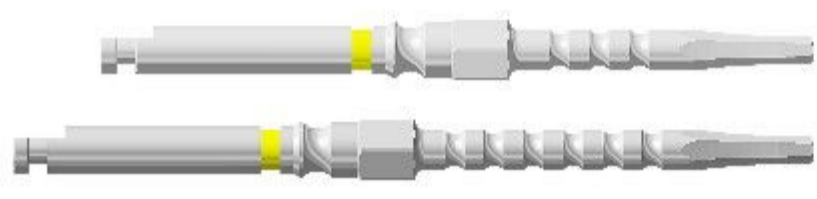


# Ti-Mesh

## TOOL CASE



Dual Hex Piece Driver



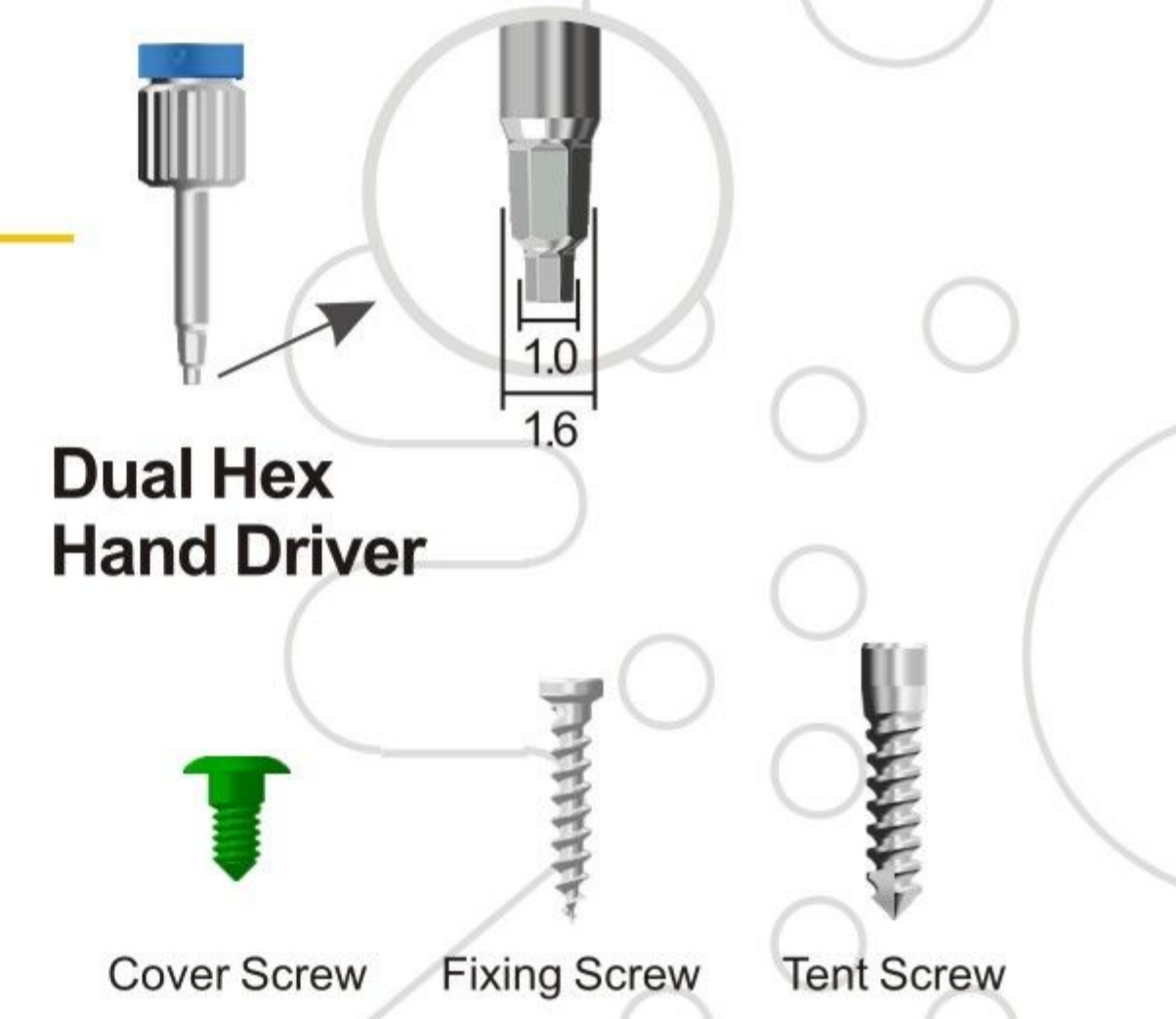
1.2 Piece Driver



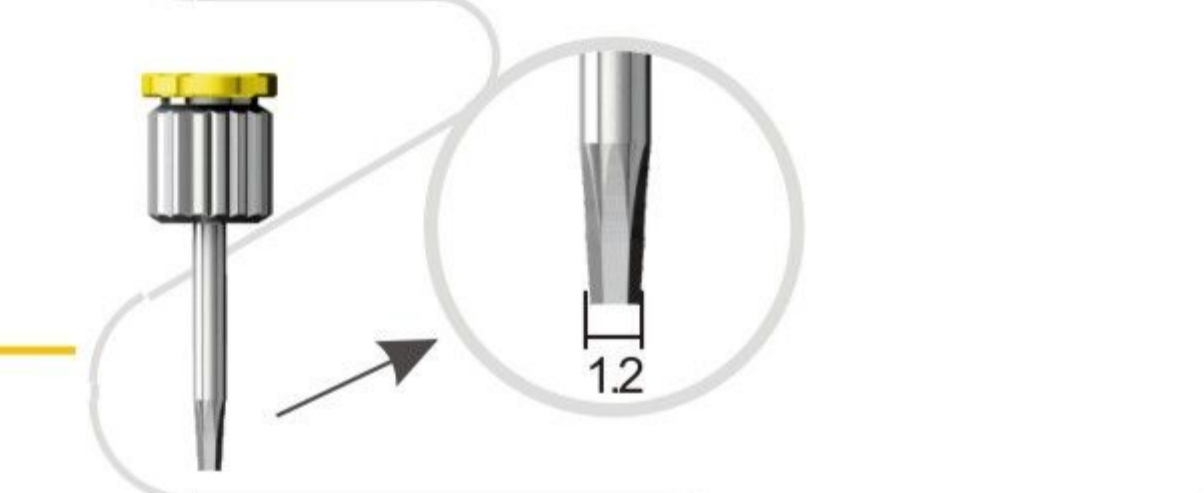
Straight Drill



Drill Stopper



Dual Hex Hand Driver



1.2 Hex Hand Driver

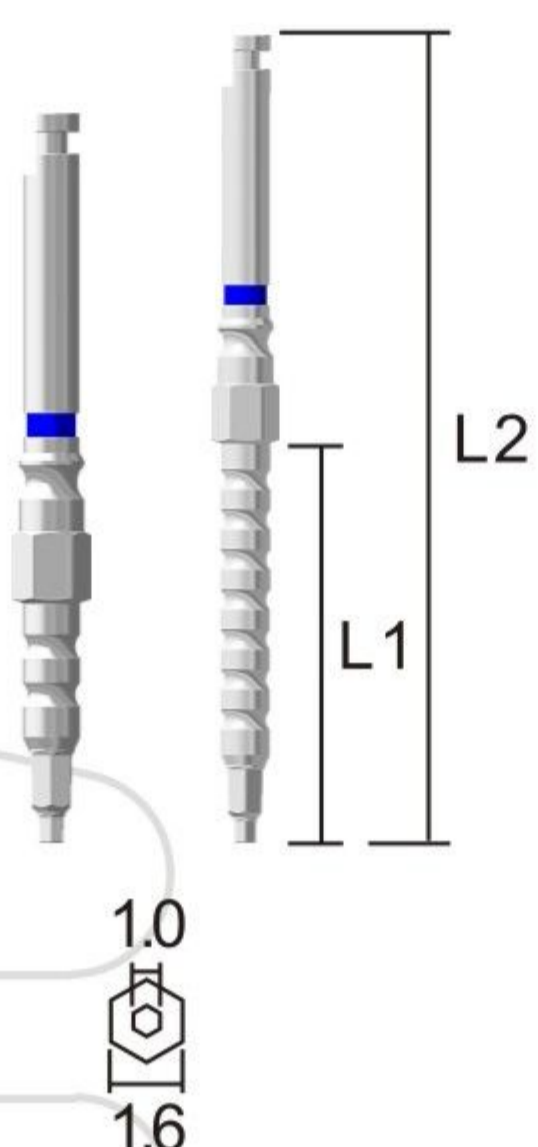





Handle



# Ti-Mesh

## Dual Hex Piece Driver



	L1	L2	REF NO.
	10	30	TMHP10
	15	35	TMHP15
	20	40	TMHP20

- .Sterilization before use
- .Multifunction Driver
- .1.0 : Fix Cover screw / Fixing screw
- .1.6 : Fix Tent screw
- .Used for connecting with the Handle or handpiece

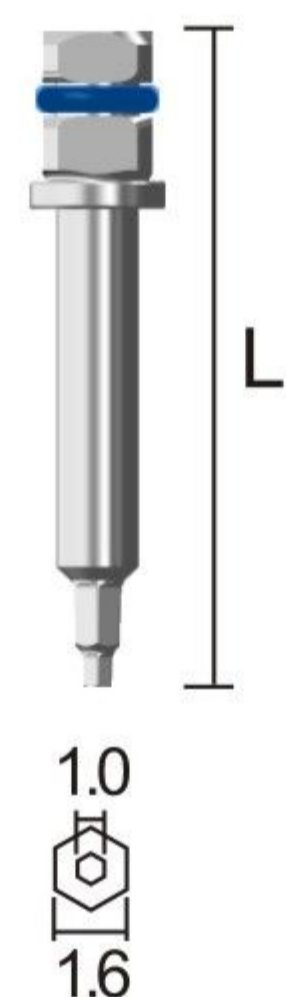
## Dual Hex Hand Driver



L	REF NO.
25	TMHH25
30	TMHH30

- .Sterilization before use
- .Multifunction Driver
- .1.0 : Fix Cover screw / Fixing screw
- .1.6 : Fix Tent screw
- .Could be used manually

## Dual Hex Torque Driver



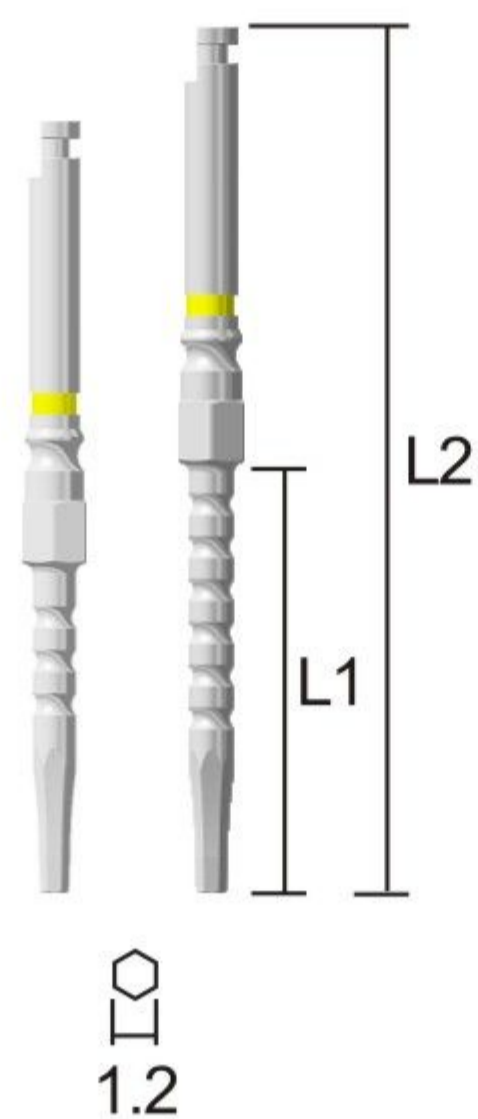
L	REF NO.	
24	TMHT24	★ OPT
30	TMHT30	

- .Sterilization before use
- .Multifunction Driver
- .1.0 : Fix Cover screw / Fixing screw
- .1.6 : Fix Tent screw
- .Could be used with wrench



# Ti-Mesh

## 1.2 Hex Piece Driver



L1	L2	REF NO.
10	30	TMPD10
15	35	TMPD15
20	40	TMPD20

★ OPT

- .Sterilization before use
- .Multifunction Driver It could be used to connect healing abutment / cover screw / spacer
- .Used for connecting with the Handle or handpiece

## 1.2 Hex Hand Driver



L	REF NO.
21	AHD12S
26	AHD12L

★ OPT

- .Sterilization before use
- .Multifunction Driver It could be used to connect healing abutment / cover screw / space
- .Could be used manually

## 1.2 Hex Torque Driver



L	REF NO.
26.5	TMTD26
31.5	TMTD31

★ OPT

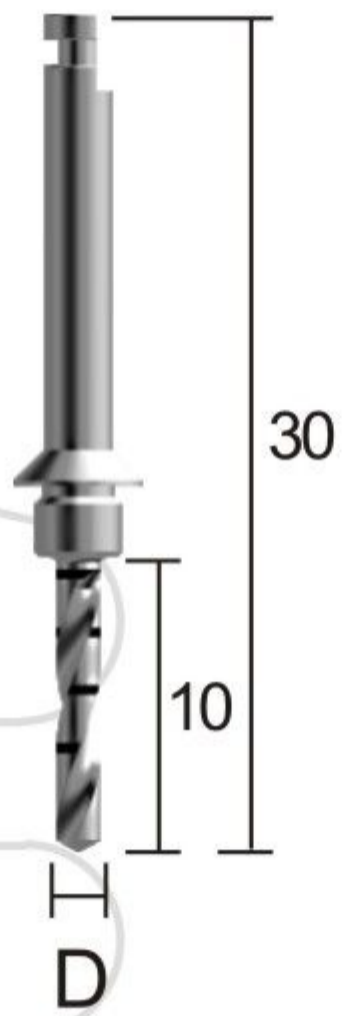
★ OPT

- .Sterilization before use
- .Multifunction Driver It could be used to connect healing abutment / cover screw / space
- .Could be used with wrench



# Ti-Mesh

## Straight Drill



## Drill Stopper For Straight drill



## Handle



D	REF NO.
Ø1.2	TMSD12
Ø1.5	TMSD15

- .Sterilization before use
- .To pre-drill for Tent screw and Fixing screw

L	REF NO.
3	TMDS03
5	TMDS05
7	TMDS07

- .Sterilization before use
- .Inserting a straight Drill, it could be used as a stopper to limit the drilling too deep
- .Could be selected according to the length of the fixing screw

REF NO.	TMHD01
---------	--------

- .Sterilization before use
- .Connecting Driver to fix accessories
- . "In" -Inserting clockwise
- . "Out" -withdrawing counter-clockwise





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