

CE  
0120



# LeForte Neuro System

NEURO PLATING SYSTEM 0.3/ 0.6



**JEIL** MEDICAL  
CORPORATION

# CONTENTS

>> 3  
**Indication**

>> 4  
**Product Overview**

>> 5-7  
**Features and Benefits**

>> 8-9  
**Ultra Low Profile System (0.3)**  
- Screws  
- Plates

>> 10-12  
**Low Profile Plating System (0.6)**  
- Screws  
- Plates

>> 13-15  
**Instruments**



## Indication

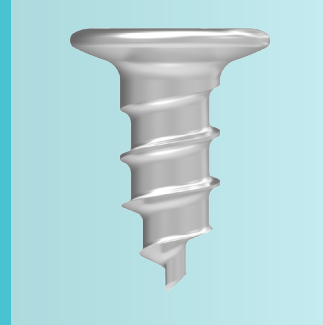
LeFort Neuro System is intended for use in selective trauma of the cranial skeleton, cranial surgery and reconstructive procedures.

# Product Overview

## Ultra Low Profile Plating System(0.3 Type)

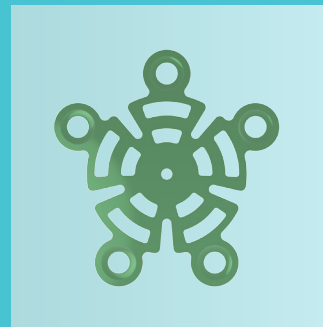
### >> Screws

1.4mm Self-Drilling Screws  
Length: 3, 3.7, and 4.2 mm  
Cruciform Recess of Screw Head  
Color: Silver



### >> Plates

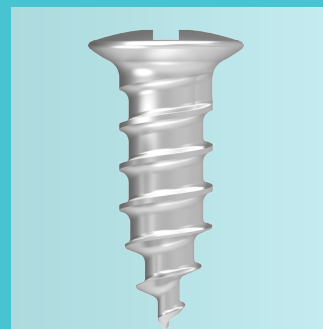
Thickness: 0.3mm  
Material: Pure titanium Gr. 4  
Color: Dark Green - Extra Rigid



## Low Profile Plating System (0.6 Type)

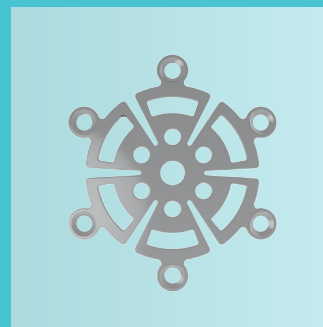
### >> Screws

1.5mm Self-Drilling Screws  
Length: 3, 4, and 5mm  
Cruciform Recess of Screw Head  
Color: Silver



### >> Plates

Thickness: 0.6mm  
Materials: Pure titanium Gr. 1, Gr. 2, Gr. 3 and Gr. 4  
Color: Green - Malleable / Silver - Medium / Blue – Rigid



# Features and Benefits

## • Optimal Screw Thread Design

- Enables easy and secure screw insertion.
- Offers optimal bone purchase and minimal insertion torque.



## • Optimal Screw Head Design

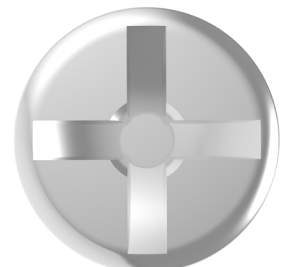
- The maximized screw to blade contact enables maximal torque transmission and reduce screw head stripping.
- Optimal screw retention by using tapered fit screwdriver.



Screw Pick up



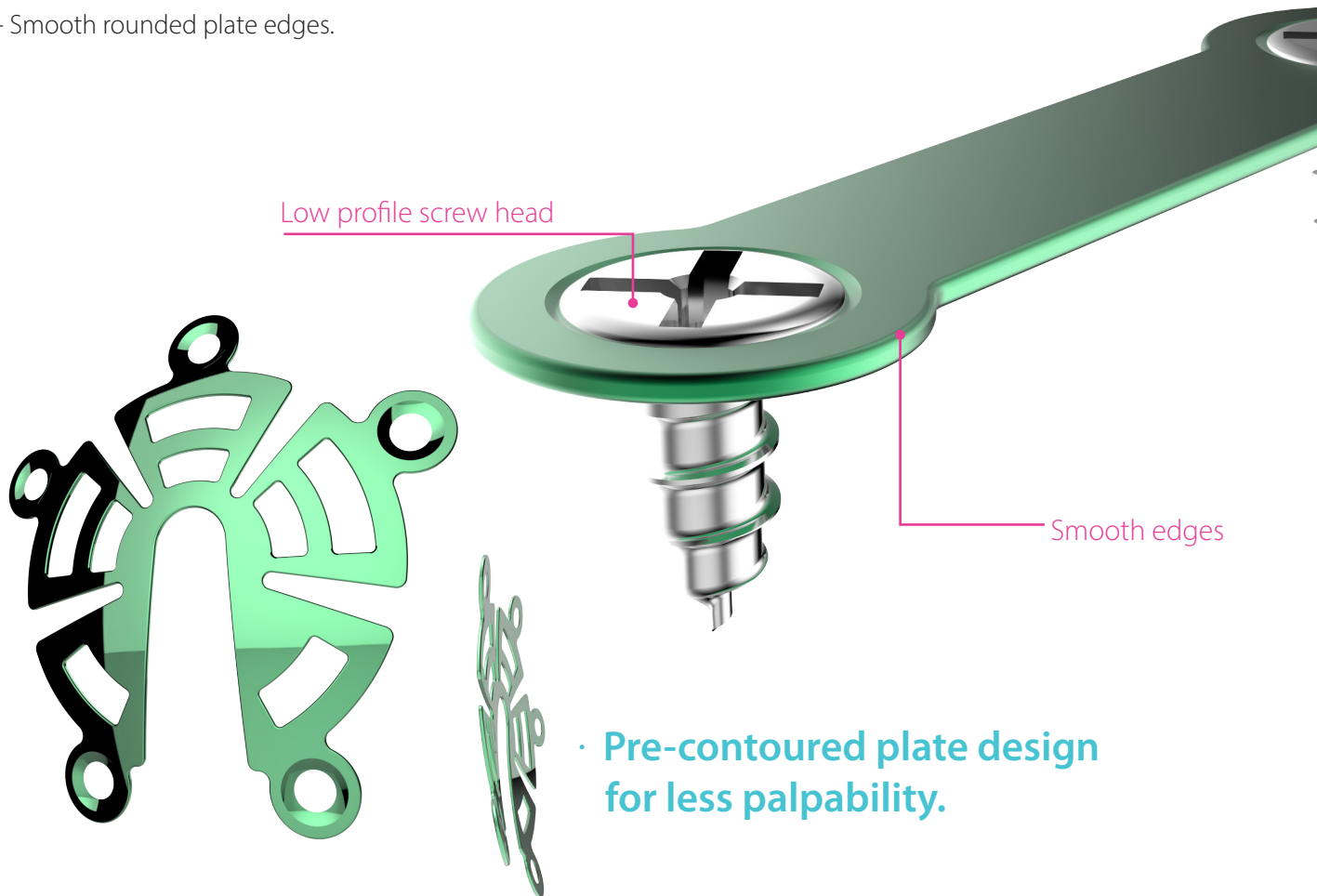
1.5mm Self-Drilling  
Screw Head



1.4mm Self-Drilling  
Screw Head

## · Minimal Palpability

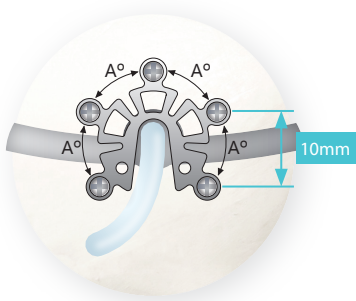
- Low profile screw head sits flush in chamfered plate holes for an overall low plate/screw construct.
- Smooth rounded plate edges.



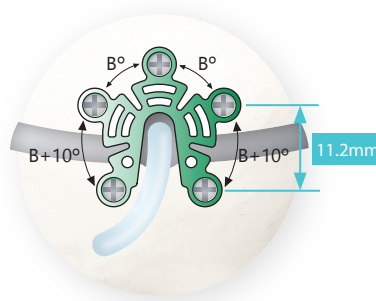
- Pre-contoured plate design for less palpability.

## · Unique Burr Hole Plate

Eccentric screw holes arrangement for better screw placement away from the osteotomy gap.

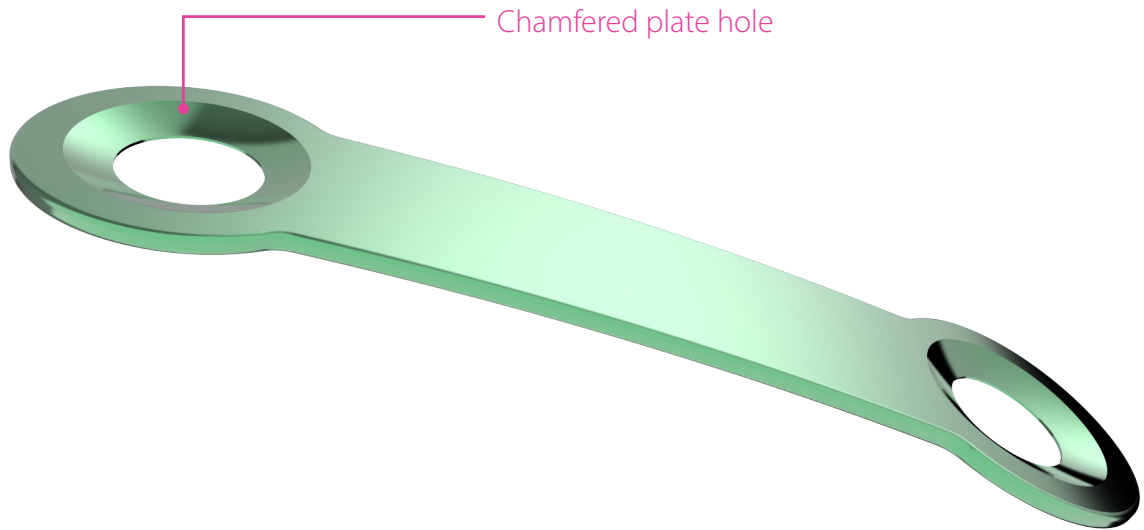


Conventional Design



New Eccentric Design

## · Easy to contour Malleable Ultra Low Profile Plate



## Disposable Battery Powered Screwdriver [SMARTO]

- Single use disposable battery powered screwdriver in pre-sterilized package.
- Useful to insert multiple screws in the bone



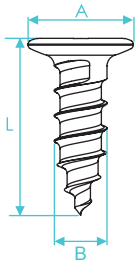


## Ultra Low Profile Plating System - Screws (0.3)



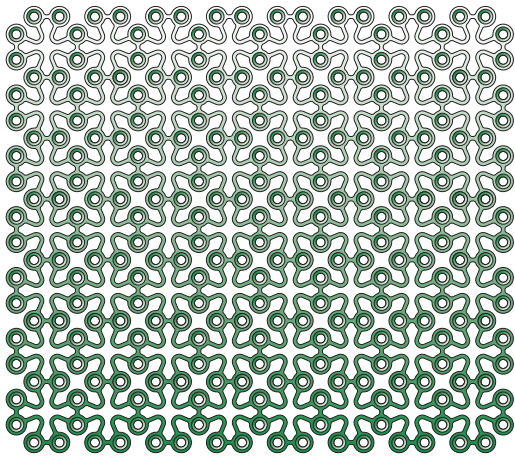
### 1.4mm Self-Drilling Screws

Unit: (mm)

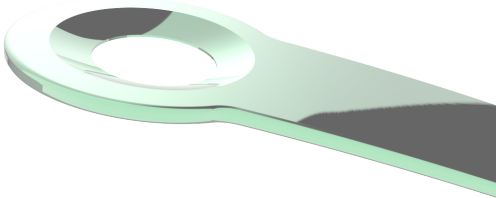


Code	Head Diameter (A)	Thread Diameter (B)	Length (L)
14-NL-003	Ø2.8	Ø1.4	3.0
14-NL-004			3.7
14-NL-005			4.2
16-NL-004-E		Ø1.6	3.7

## Ultra Low Profile Plating System - Plates (0.3)



**NL-3MD-100-03**  
3D Dynamic Mesh, 0.3x100x100mm





# Ultra Low Profile Plating System - Plates (0.3)



**NL-ST-002**  
Straight Plate,  
2 Holes, Length 13mm,  
Thickness 0.3mm



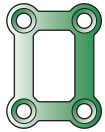
**NL-ST-102**  
Straight Plate,  
2 Holes, Length 17mm,  
Thickness 0.3mm



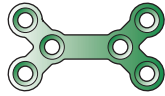
**NL-ST-104**  
Straight Plate,  
4 Holes, Length 24mm,  
Thickness 0.3mm



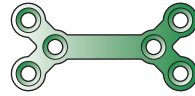
**NL-ST-006**  
Straight Plate,  
6 Holes, Length 29mm,  
Thickness 0.3mm



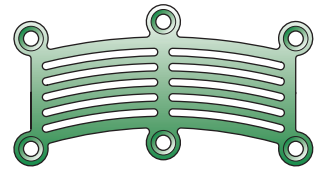
**NL-SQ-104**  
Rectangular Plate,  
4 Holes, Length 16mm,  
Thickness 0.3mm



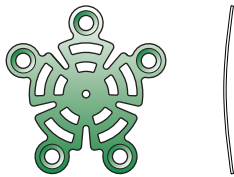
**NL-DY-006**  
Double Y Plate,  
6 Holes, Length 20mm,  
Thickness 0.3mm



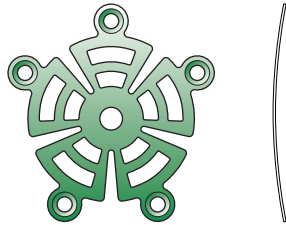
**NL-DY-106**  
Double Y Plate,  
6 Holes, Length 24mm,  
Thickness 0.3mm



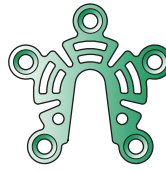
**NL-GP-020**  
Gap Plate, 12x35mm,  
Thickness 0.3mm



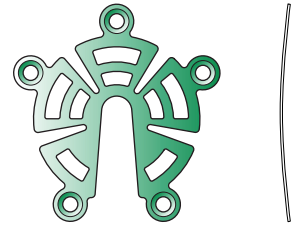
**NL-BR-030**  
Burr Hole Plate,  
5 Holes, Ø15mm,  
Thickness 0.3mm,  
Pre-contoured



**NL-BR-040**  
Burr Hole Plate,  
5 Holes, Ø22mm,  
Thickness 0.3mm,  
Pre-contoured



**NL-BR-032**  
Burr Hole Plate Shunt,  
5 Holes, Ø15mm,  
Thickness 0.3mm,  
Pre-contoured

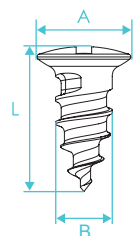


**NL-BR-042**  
Burr Hole Plate Shunt,  
5 Holes, Ø22mm,  
Thickness 0.3mm,  
Pre-contoured

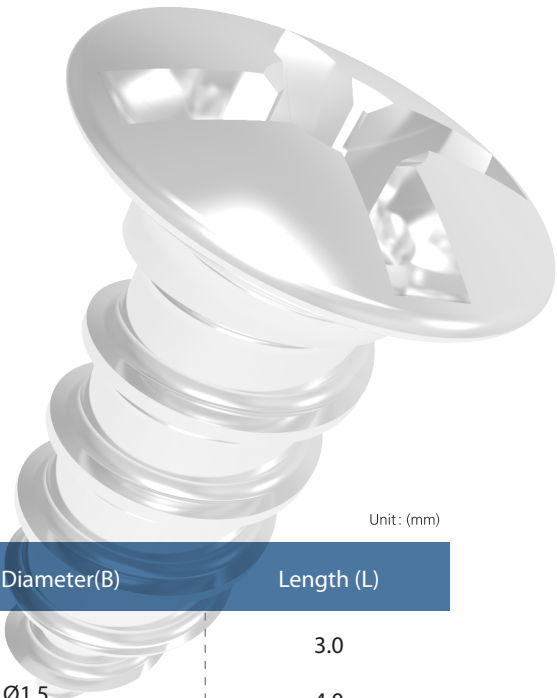
## Low Profile Plating System - Screws (0.6)

### 1.5mm Self-Drilling Screws

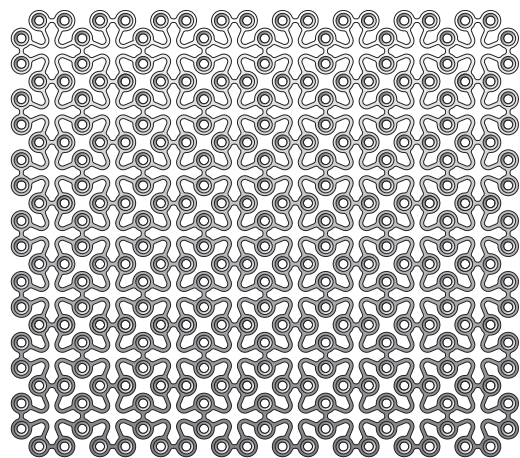
Unit: (mm)



Code	Head Diameter (A)	Thread Diameter(B)	Length (L)
16-NF-003	Ø2.5	Ø1.5	3.0
16-NF-004			4.0
16-NF-005			5.0
19-NF-004-E		Ø1.8	4.0



## Low Profile Plating System - Plates (0.6)



**NS-3MD-100-06**  
3D Dynamic Mesh, 0.6x100x100mm

# Low Profile Plating System - Plates (0.6)



**N16-ST-002**  
Straight Plate,  
2 Holes, Length 13mm,  
Thickness 0.6mm



**N16-ST-102**  
Straight Plate,  
2 Holes, Length 17mm,  
Thickness 0.6mm



**N16-ST-006**  
Straight Plate,  
6 Holes, Length 29mm,  
Thickness 0.6mm



**N16-SQ-004**  
Square Plate,  
4 Holes, Length 12mm,  
Thickness 0.6mm



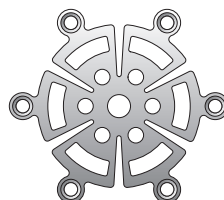
**N16-DY-006**  
Double Y Plate,  
6 Holes, Length 21mm,  
Thickness 0.6mm



**N16-BR-010S**  
Burr Hole Plate,  
6 Holes, Ø15mm,  
Thickness 0.6mm,  
Pre-contoured



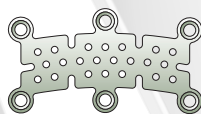
**N16-BR-011S**  
Burr Hole Plate Shunt,  
5 Holes, Ø15mm,  
Thickness 0.6mm,  
Pre-contoured



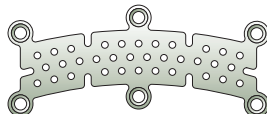
**N16-BR-020S**  
Burr Hole Plate,  
6 Holes, Ø22mm,  
Thickness 0.6mm,  
Pre-contoured



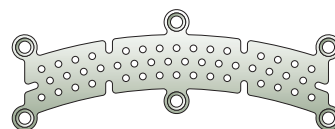
**N16-BR-021S**  
Burr Hole Plate Shunt,  
5 Holes, Ø22mm,  
Thickness 0.6mm,  
Pre-contoured



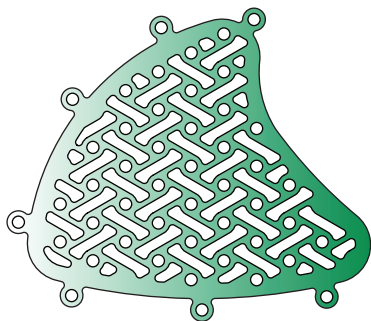
**N16-GP-010F**  
GAP Plate, 6 Holes,  
8x29mm, Thickness 0.6mm



**N16-GP-020F**  
GAP Plate, 6 Holes,  
8x39mm, Thickness 0.6mm

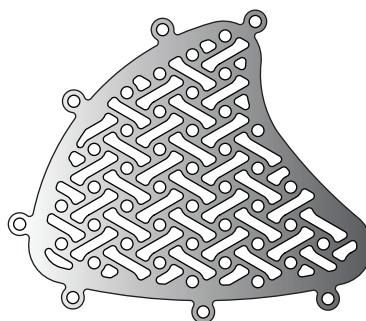


**N16-GP-030F**  
GAP Plate, 6 Holes,  
8x49mm, Thickness 0.6mm



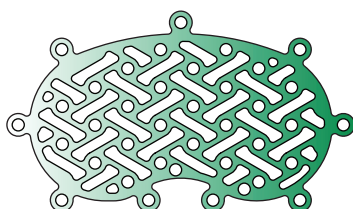
**N16-MM-010F**

Mastoid Mesh, 7 Holes,  
Thickness 0.4mm, Malleable



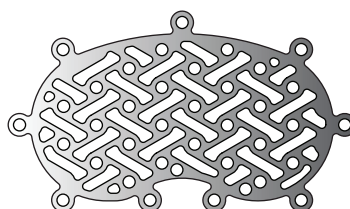
**N16-MM-010S**

Mastoid Mesh, 7 Holes,  
Thickness 0.4mm, Rigid



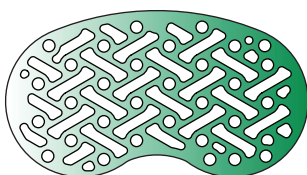
**N16-TM-010F**

Temporal Mesh, 9 Holes,  
Thickness 0.4mm, Malleable



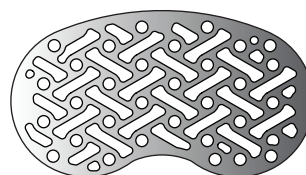
**N16-TM-010S**

Temporal Mesh, 9 Holes,  
Thickness 0.4mm, Rigid



**N16-TM-020F**

Temporal Mesh,  
Thickness 0.4mm, Malleable



**N16-TM-020S**

Temporal Mesh,  
Thickness 0.4mm, Rigid

# Instruments



**DP-96**  
Plate Bender



**DP-91**  
Mesh/Plate Cutter



**BD-05**  
Small Grasping Forceps



**111-010**  
Screwdriver Handle

## Driver & Drill bits



**112-MC-STOP**  
Drill Bit Ø1.0mm,  
Drilling Depth 4mm



**113-NF-101**  
Screwdriver Shaft



**112-098**  
Ultra Low Profile Plating System (0.3) Module



**112-099**  
Low Profile Plating System (0.6) Module



**112-100**  
Ultra Low and Low Profile Plating System (0.3 & 0.6) Module



## SMARTO

Power Driver <Sold separately>

**111-ED-030**

SMARTO, Battery Powered Screwdriver

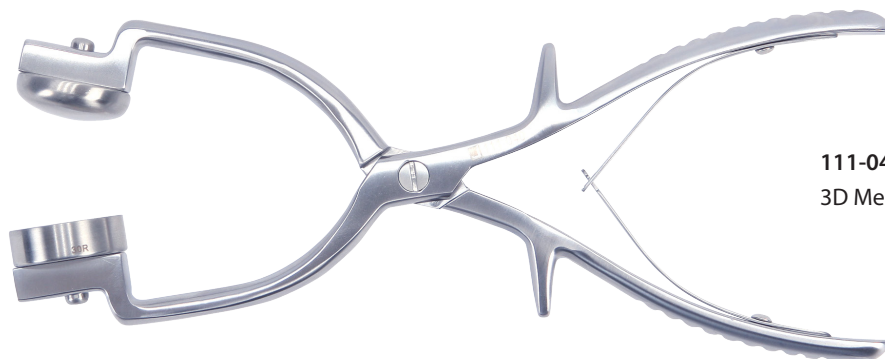
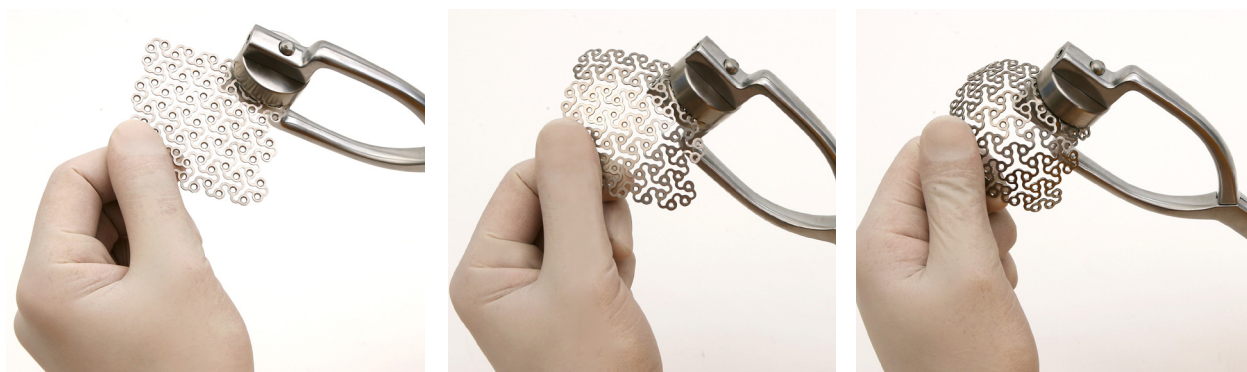
<Single use disposable>

\*Screwdriver Shaft not included



**113-NF-401**

Screwdriver Shaft for SMARTO



**111-040**

3D Mesh R-former



---

### Head Office



#### JEIL MEDICAL CORPORATION

702•703•704•705•706•804•805•807•812-ho,  
55, Digital-ro34-gil, Guro-gu, Seoul,  
152-728, Korea

Tel : 82.2.850.3504 Fax: 82.2.850.3537  
[www.jeilmed.co.kr](http://www.jeilmed.co.kr)  
E-mail: [global@jeilmed.co.kr](mailto:global@jeilmed.co.kr)

---