

**JEIL**MEDICAL

# Sterile NS System

Cranial Bone Flap Fixation System



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**Sterile NS System** is intended for use in selective trauma of the cranial skeleton, cranial surgery and reconstructive procedures.

## Sterile NS System

### Ultra Low Profile Plating System (0.3)



#### Plates

- Thickness: 0.3 mm
- Materials: Pure Titanium Gr. 4
- Color: Dark Green - Extra Rigid



#### 1.4 mm Self-Drilling Screws

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

### Low Profile Plating System (0.6)



#### Plates

- Thickness: 0.6 mm
- Materials: Pure Titanium Gr. 2, Gr. 3
- Color: Silver - Medium / Blue - Rigid



#### 1.5 mm Self-Drilling Screws

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

### Optimal Screw Thread Design

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



1.4 mm Self-Drilling  
Screw



1.5 mm Self-Drilling  
Screw

### 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.



1.4 mm Self-Drilling  
Screw Head



1.5 mm Self-Drilling  
Screw Head

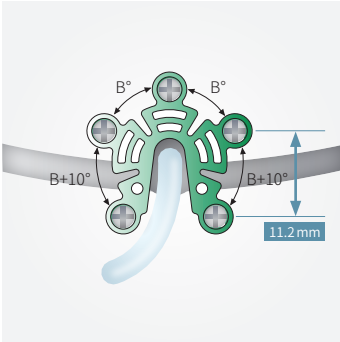


Screw Pick-up

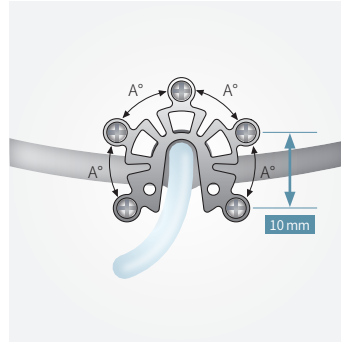
## Sterile NS System

### Unique Burr Hole Plate

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



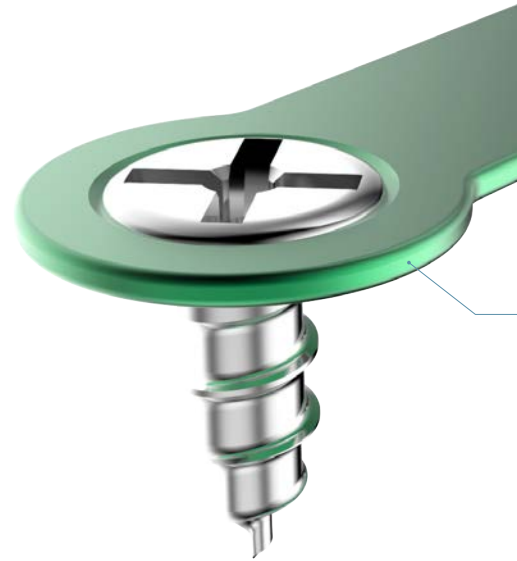
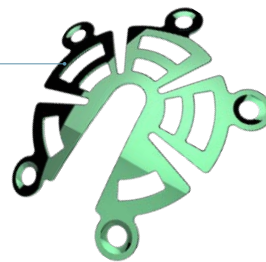
New Eccentric Design



Conventional Design

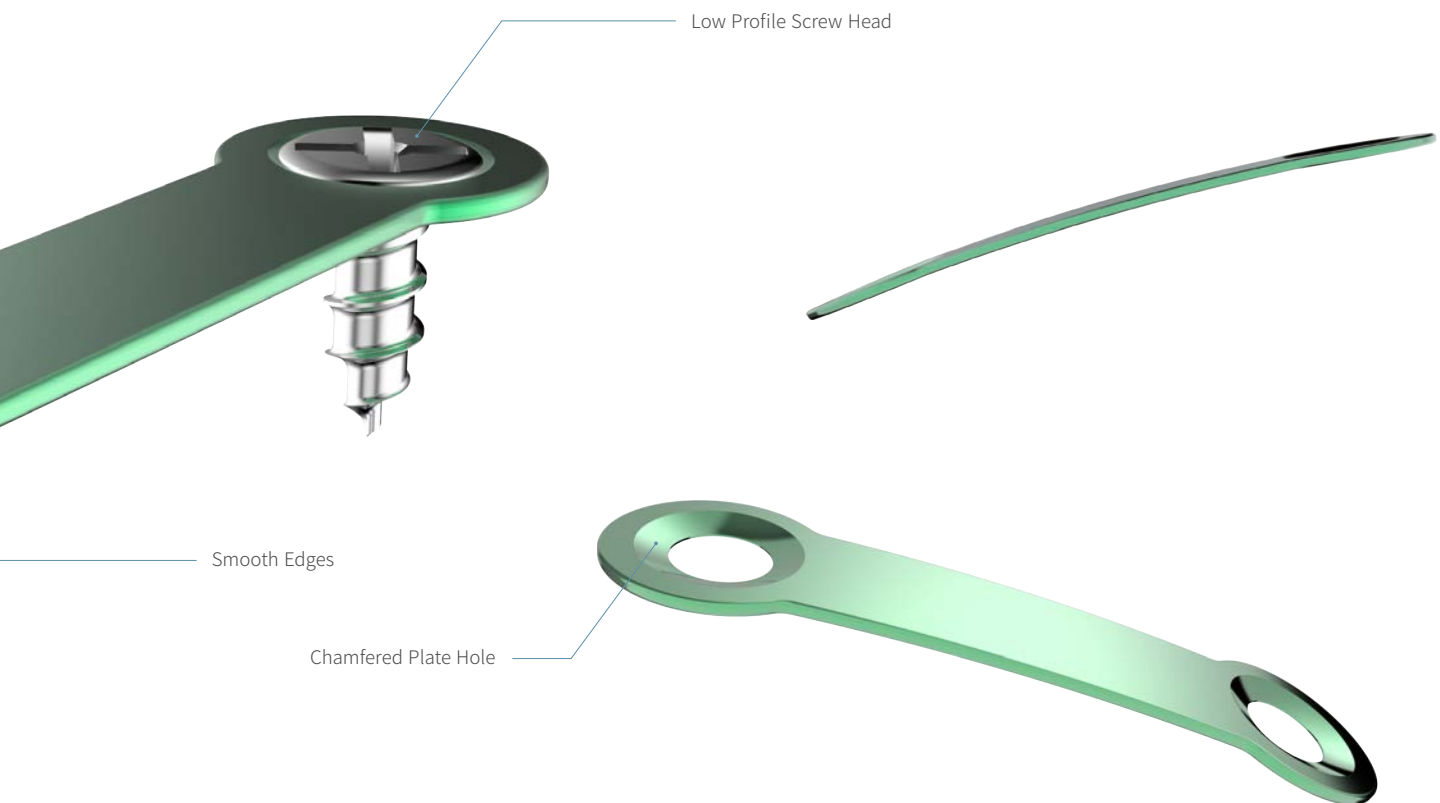


Pre-contoured Plate Design for Less Palpability



## Minimal Palpability

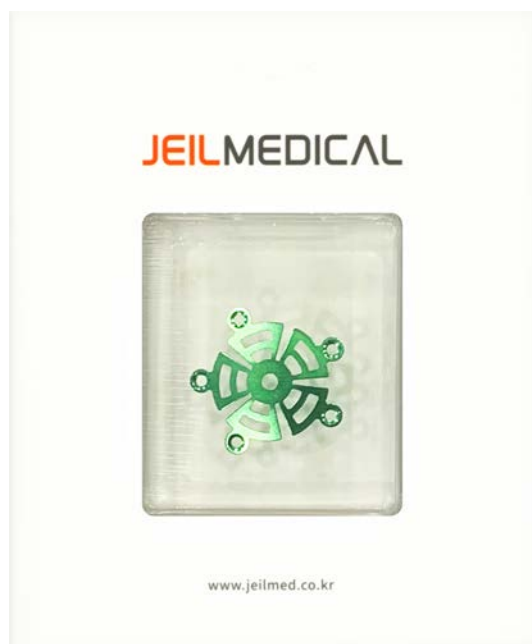
- Low profile screw head sits flush in chamfered plate holes for an overall low plate/screw construct.
- Smooth rounded plate edges.



## Gamma Sterilization Products

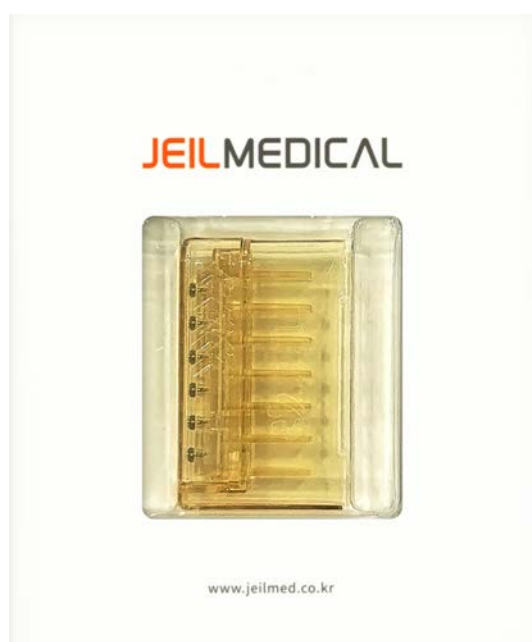
### Sterile NS System Plate

- Package unit: 1 ea
- Sterilized single use device



### Sterile NS System Screw

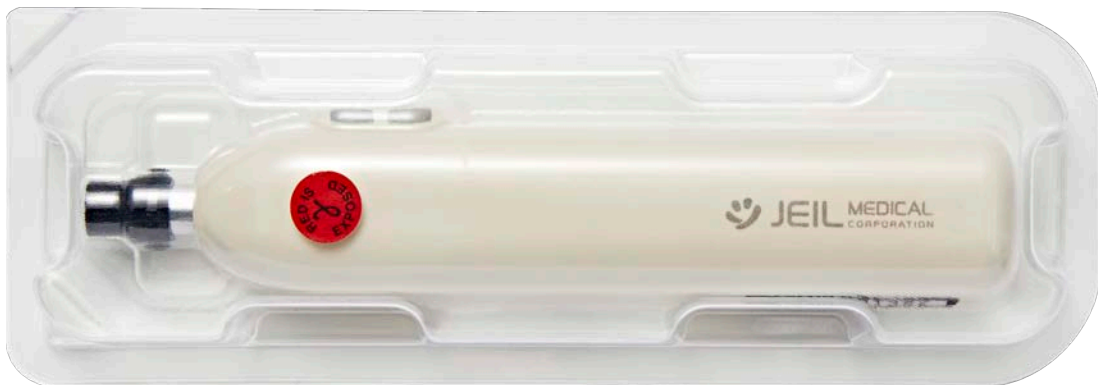
- Package unit: 3, 4, 5, 6 ea
- Sterilized single use device





## SMARTO

- Battery Powered Screwdriver in Sterile Package
- Single use Disposable Design Eliminates need for Autoclaving and Repairing
- Designed to Drive self-drilling Screw



111-ED-030



111-ED-051

## Sterile NS System Plates

### Ultra Low Profile Plating System (0.3)



SNL-ST-002



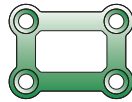
SNL-ST-006



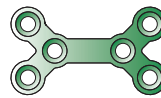
SNL-ST-102



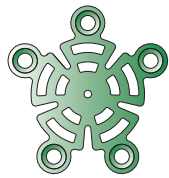
SNL-ST-104



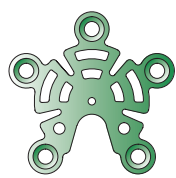
SNL-SQ-104



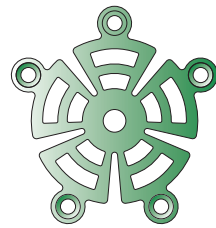
SNL-DY-006



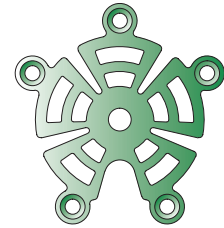
SNL-BR-030



SNL-BR-031



SNL-BR-040



SNL-BR-041

\* Sterilized single use device, Illustrated scale 1:1

Code	Type	Holes	Length	Thickness	Color
SNL-ST-002	Straight	2	13 mm	0.3 mm	Green
SNL-ST-006	Straight	6	29 mm	0.3 mm	Green
SNL-ST-102	Straight	2	17 mm	0.3 mm	Green
SNL-ST-104	Straight	4	24 mm	0.3 mm	Green
SNL-SQ-104	Square	4	16 × 12 mm	0.3 mm	Green
SNL-DY-006	Double Y	6	20 × 12 mm	0.3 mm	Green
SNL-BR-030	Burr Hole, Pre-contoured	5	∅ 15 mm	0.3 mm	Green
SNL-BR-031	Burr Hole, Shunt, Pre-contoured	5	∅ 15 mm	0.3 mm	Green
SNL-BR-040	Burr Hole, Pre-contoured	5	∅ 22 mm	0.3 mm	Green
SNL-BR-041	Burr Hole, Shunt, Pre-contoured	5	∅ 22 mm	0.3 mm	Green

### Low Profile Plating System (0.6)



SN16-ST-002



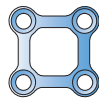
SN16-ST-006



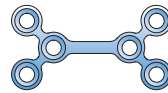
SN16-ST-102



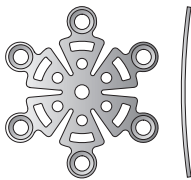
SN16-ST-104



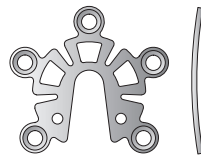
SN16-SQ-004



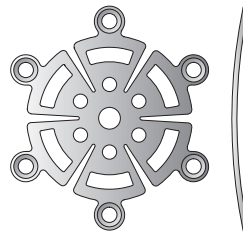
SN16-DY-006



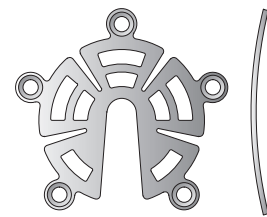
SN16-BR-010S



SN16-BR-011S



SN16-BR-020S



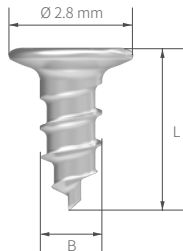
SN16-BR-021S

\* Sterilized single use device, Illustrated scale 1:1

Code	Type	Holes	Length	Thickness	Color
SN16-ST-002	Straight	2	13 mm	0.6 mm	Blue
SN16-ST-006	Straight	6	29 mm	0.6 mm	Blue
SN16-ST-102	Straight	2	17 mm	0.6 mm	Blue
SN16-ST-104	Straight	4	22 mm	0.6 mm	Blue
SN16-SQ-004	Square	4	12 × 12 mm	0.6 mm	Blue
SN16-DY-006	Double Y	6	11 × 21 mm	0.6 mm	Blue
SN16-BR-010S	Burr Hole, Pre-contoured	6	∅ 15 mm	0.6 mm	Silver
SN16-BR-011S	Burr Hole, Shunt, Pre-contoured	5	∅ 15 mm	0.6 mm	Silver
SN16-BR-020S	Burr Hole, Pre-contoured	6	∅ 22 mm	0.6 mm	Silver
SN16-BR-021S	Burr Hole, Shunt, Pre-contoured	5	∅ 22 mm	0.6 mm	Silver

## Sterile NS System Screws

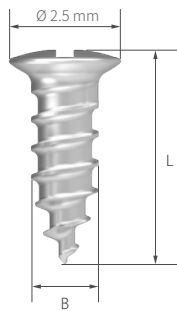
### Ultra Low Profile Plating System (0.3) - Ø1.4 mm Self-Drilling Screws



\*Sterilized single use device

Code	Thread Diameter(B)	Length(L)	Package Unit
S14-NL-003-3	Ø 1.4 mm	3.0 mm	3 ea
S14-NL-003-4	Ø 1.4 mm	3.0 mm	4 ea
S14-NL-003-5	Ø 1.4 mm	3.0 mm	5 ea
S14-NL-003-6	Ø 1.4 mm	3.0 mm	6 ea
S14-NL-004-3	Ø 1.4 mm	3.7 mm	3 ea
S14-NL-004-4	Ø 1.4 mm	3.7 mm	4 ea
S14-NL-004-5	Ø 1.4 mm	3.7 mm	5 ea
S14-NL-004-6	Ø 1.4 mm	3.7 mm	6 ea
S14-NL-005-3	Ø 1.4 mm	4.2 mm	3 ea
S14-NL-005-4	Ø 1.4 mm	4.2 mm	4 ea
S14-NL-005-5	Ø 1.4 mm	4.2 mm	5 ea
S14-NL-005-6	Ø 1.4 mm	4.2 mm	6 ea
S16-NL-004-E	Ø 1.6 mm	3.7 mm	1 ea

### Low Profile Plating System (0.6) - Ø1.5 mm Self-Drilling Screws

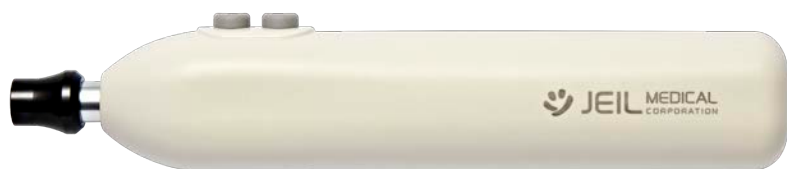


\*Sterilized single use device

Code	Thread Diameter(B)	Length(L)	Package Unit
S16-NF-003-3	Ø 1.5 mm	3.0 mm	3 ea
S16-NF-003-4	Ø 1.5 mm	3.0 mm	4 ea
S16-NF-003-5	Ø 1.5 mm	3.0 mm	5 ea
S16-NF-003-6	Ø 1.5 mm	3.0 mm	6 ea
S16-NF-004-3	Ø 1.5 mm	4.0 mm	3 ea
S16-NF-004-4	Ø 1.5 mm	4.0 mm	4 ea
S16-NF-004-5	Ø 1.5 mm	4.0 mm	5 ea
S16-NF-004-6	Ø 1.5 mm	4.0 mm	6 ea
S16-NF-005-3	Ø 1.5 mm	5.0 mm	3 ea
S16-NF-005-4	Ø 1.5 mm	5.0 mm	4 ea
S16-NF-005-5	Ø 1.5 mm	5.0 mm	5 ea
S16-NF-005-6	Ø 1.5 mm	5.0 mm	6 ea
S19-NF-004-E	Ø 1.8 mm	4.0 mm	1 ea

## Instruments

### SMARTO



111-ED-030



111-ED-051

Code	Description
111-ED-030	Battery Powered Screwdriver, 24Ncm, 160RPM, Sterile Package, Disposable
111-ED-051	Battery Powered Screwdriver, 40Ncm, 165RPM, Sterile Package, Disposable

## Instruments

### HANDLE



Code	Description
111-010	Screwdriver Handle

### DRILL BIT



Code	Description
112-MC-STOP	Drill Bit Ø 1.0 mm, Drilling Depth 4 mm

### DRIVER



113-NF-101



113-NF-401

Code	Description
113-NF-101	Screwdriver Shaft for Screwdriver Shaft (Cruciform)
113-NF-401	Screwdriver Shaft for SMARTO

CUTTER



<i>Code</i>	<i>Description</i>
114-007	Plate Cutter

BENDER



<i>Code</i>	<i>Description</i>
114-008	Plate Bender

FORCEPS



<i>Code</i>	<i>Description</i>
114-009	Grasping Forceps

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