JEILMEDICAL

EUROPE

# Sterile NS System

## Cranial Bone Flap Fixation System



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# Indication



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

# Sterile NS System

## 0.3 Ultra Low Profile Plate & Screw



### Plates

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



### 1.4 mm Self-drilling Screws

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

## 0.6 Low Profile Plate & Screw



### Plates

- Thickness: 0.6 mm
- Materials: Pure Titanium Gr. 1, Gr. 2, Gr. 3
- Color: Green - Malleable / 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

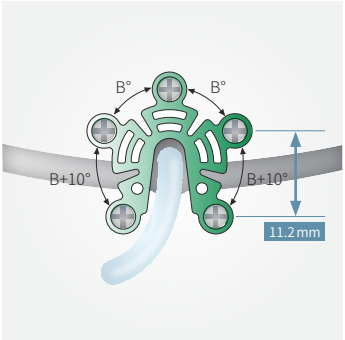


Screw Pick-up

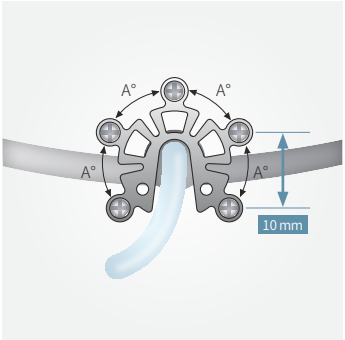
# Sterile NS System

## Unique Burr Hole Plate

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



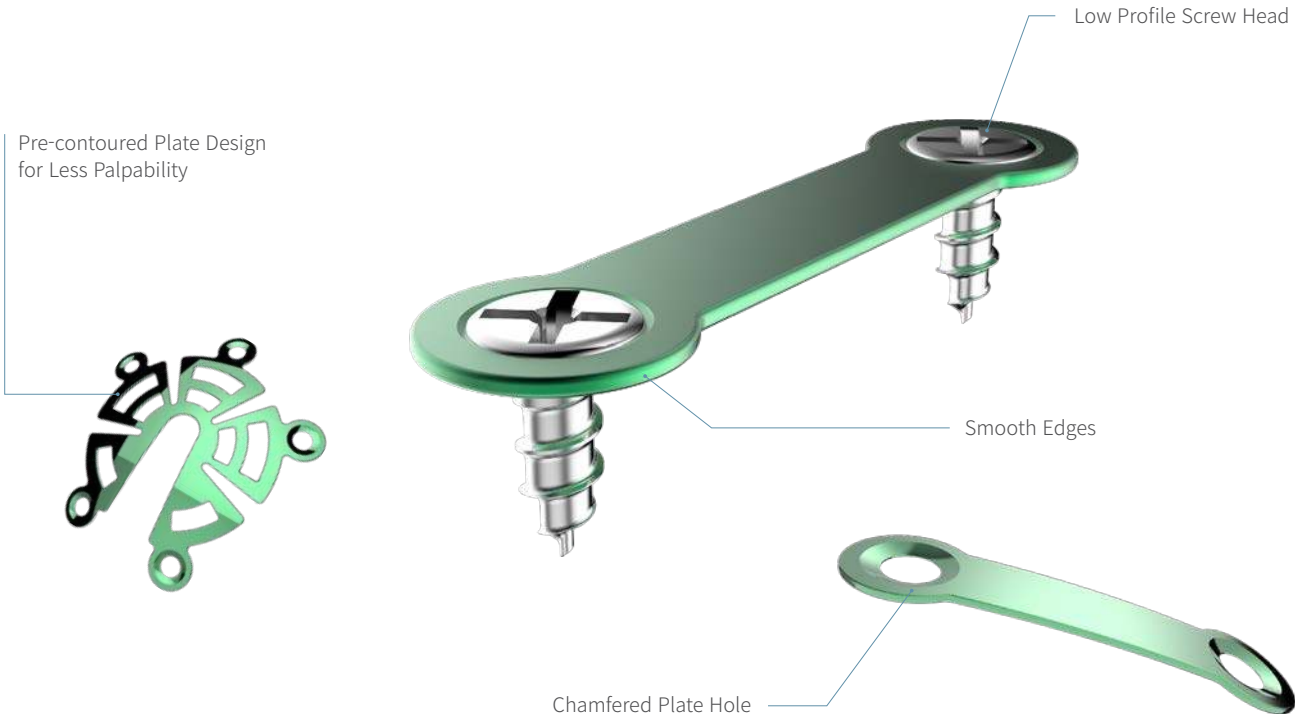

New Eccentric Design




Conventional Design

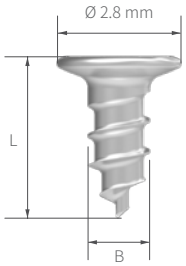
## Minimal Palpability

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



# Sterile NS System Screws

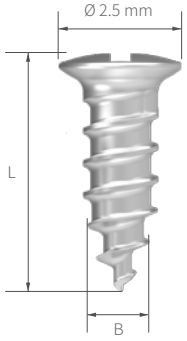
## Ø 1.4mm Self-drilling Screws




*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 | 4.2 mm | 1 ea |

## Ø 1.5mm Self-drilling Screws

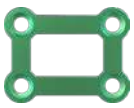



*Sterilized single use device

| *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 |

# 0.3 Ultra Low Profile Plates

* Illustrated scale 1:1

| | Code | Type | Holes | Length | Thickness | Color |
|---|---|---|---|---|---|---|
|  | SNL-ST-002 | Straight | 2 | 13.5 mm | 0.3 mm | Green |
|  | SNL-ST-006 | Straight | 6 | 29.5 mm | 0.3 mm | Green |
|  | SNL-ST-102 | Long Straight | 2 | 17.5 mm | 0.3 mm | Green |
|  | SNL-ST-104 | Long Straight | 4 | 24.7 mm | 0.3 mm | Green |
|  | SNL-SQ-104 | Long Square | 4 | 16.5×12.5 mm | 0.3 mm | Green |
|  | SNL-DY-006 | Double Y | 6 | 20.6×11.6 mm | 0.3 mm | Green |

* Illustrated scale 1:1

| | Code | Type | Holes | Length | Thickness | Color |
|---|---|---|---|---|---|---|
|  | SNL-BR-030 | Burr Hole, Pre-contoured | 5 | Ø 15 mm | 0.3 mm | Green |
|  | SNL-BR-031 | Burr Hole, Shunt, Pre-contoured | 5 | Ø 15 mm | 0.3 mm | Green |
|  | SNL-BR-040 | Burr Hole, Pre-contoured | 5 | Ø 22 mm | 0.3 mm | Green |
|  | SNL-BR-041 | Burr Hole, Shunt, Pre-contoured | 5 | Ø 22 mm | 0.3 mm | Green |

# 0.6 Low Profile Plates

* 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 | Long Straight | 2 | 17 mm | 0.6 mm | Blue |
|  | SN16-ST-104 | Long Straight | 4 | 22.3 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 |

* Illustrated scale 1:1

| | | Code | Type | Holes | Length | Thickness | Color |
|---|---|---|---|---|---|---|---|
|  |  | SN16-BR-010S | Burr Hole, Pre-contoured | 6 | Ø 15 mm | 0.6 mm | Silver |
|  |  | SN16-BR-011S | Burr Hole, Shunt, Pre-contoured | 5 | Ø 15 mm | 0.6 mm | Silver |
|  |  | SN16-BR-020S | Burr Hole, Pre-contoured | 6 | Ø 22 mm | 0.6 mm | Silver |
|  |  | SN16-BR-021S | Burr Hole, Shunt, Pre-contoured | 5 | Ø 22 mm | 0.6 mm | Silver |

# Gamma Sterilizaton 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






# Instruments

## CUTTER



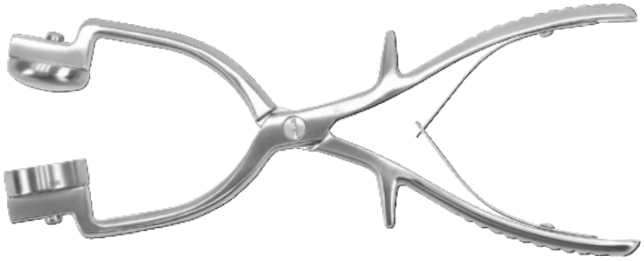

| Code | Description |
|---|---|
| 114-007 | Mesh / Plate Cutter |

## BENDER



| Code | Description |
|---|---|
| 114-008 | Plate Bender |

## 3D MESH R-FORMER












| Code | Description |
|---|---|
| 111-040 | 3D Mesh R-former |

# Instruments

## FORCEPS




| Code | Description |
|---|---|
| 114-009 | Grasping Forceps |

## DRILL BIT




112-MC-STOP




112-MD-STOP

| Code | Description |
|---|---|
| 112-MC-STOP | Drill Bit Ø 1.0 mm, Micro Drill (4mm Stop) |
| 112-MD-STOP | Drill Bit Ø 1.2 mm, Mid Drill (4mm Stop) |

## HANDLE




| Code | Description |
|---|---|
| 111-010 | Screwdriver Handle |

## DRIVER SHAFT




113-NF-101



113-NF-401

| Code | Description |
|---|---|
| 113-NF-101 | NF Driver Shaft |
| 113-NF-401 | Driver Shaft Short (Use with Smarto) |

## KIT




112-098




112-099




112-100

| *Code* | *Description* |
|---|---|
| 112-098 | 0.3 P&S Container & Instrument kit |
| 112-099 | 0.6 P&S Container & Instrument kit |
| 112-100 | 0.3 & 0.6 P&S Container & Instrument kit |

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