



JEIL MEDICAL CORPORATION

702-703-704-705-706-804-805-807-812-ho, 55, Digital-ro 34-gil, Guro-gu, Seoul, 08378, Rep. of Korea

T 82.2.850.3903 F 82.2.850.3537 E global@jeilmed.co.kr

www.jeilmed.co.kr

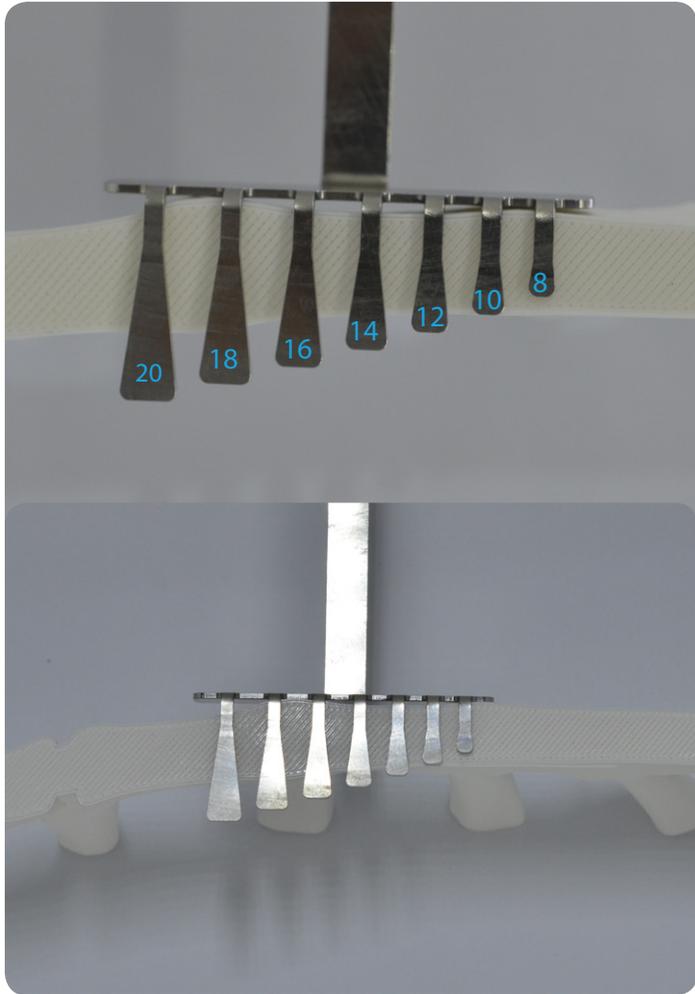




ARIX STERNAL SYSTEM

Indications

The ARIX Sternal System is intended for use in the stabilization and fixation of fractures of the anterior chest wall including sternal fixation following sternotomy and sternal reconstructive surgical procedures, to promote fusion.



1

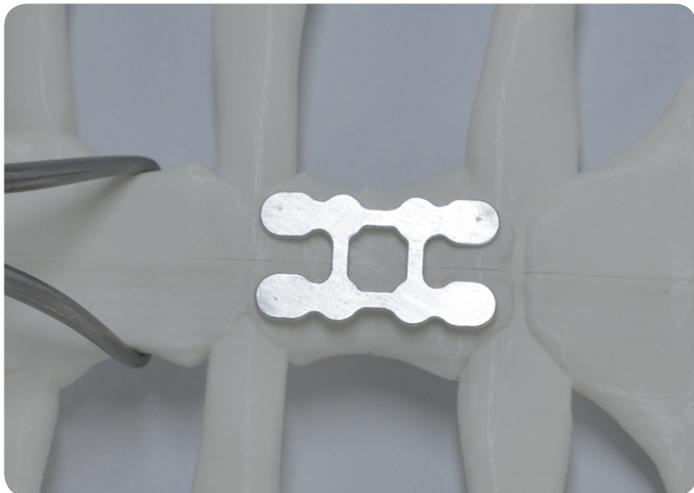
Measure sternal depth where plate placement will occur. Measure at 3 points (manubrium, body & xiphoid). In the photo above, the measuring device indicates that a 10mm screw length would be recommended for plate placement in the circled region. The measuring device accounts for the thickness of the plate, so a 10mm screw would be used in this example.

*Note, if using a standard ruler to measure the thickness of the sternum, you should use the next highest even numbered length screw to account for the plate thickness. For example a sternal thickness of 8mm -9mm should utilize a 10mm screw, while a sternal thickness of 10mm-11mm should use a 12mm screw. Surgeons should always determine screw size based on the patient’s anatomy.



2

Wire the manubrium and xiphoid to reduce the top and bottom of the sternum. Complete the full approximation by placing reduction forceps at the mid-body.



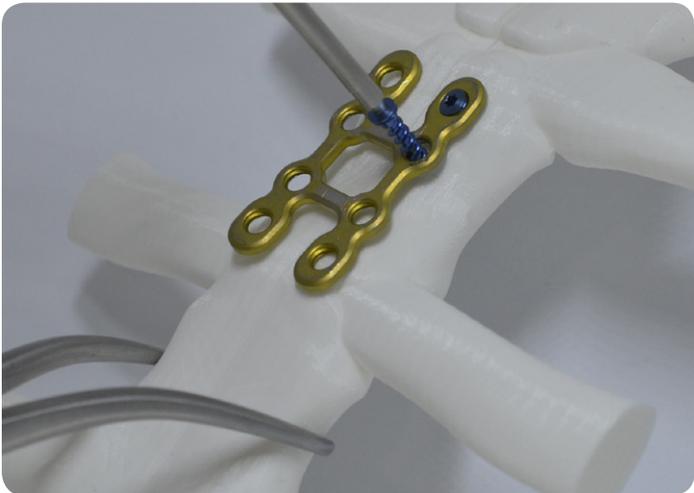
3

Select a template plate that corresponds to the fractured bone. Place the template plate on the bone. Bend the template plate to fit the shape of the bone.



4

Plates are two-sided to facilitate placement. Bend the plate to match shape of the template plate.



5

Insert screws into plate.
Do not lock initial screw to avoid plate rotation.
Fully tighten once additional screws are in place.

ARIX STERNAL SYSTEM

Plates



24-LPST-004

L type plate, 4 Holes, Thickness 1.6mm, Gold

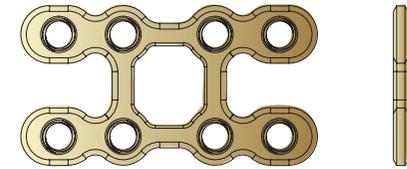
- Package unit: **1ea**
- Sterilized single use device



24-SQST-004

Square plate, 4 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device



24-HSST-008

Ladder plate, Short, 8 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device



24-STST-004

Straight plate, 4 Holes, Thickness 1.6mm, Gold

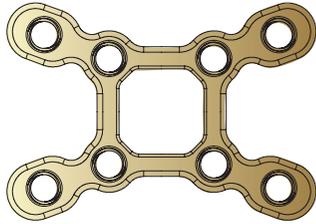
- Package unit: **1ea**
- Sterilized single use device



24-STST-008

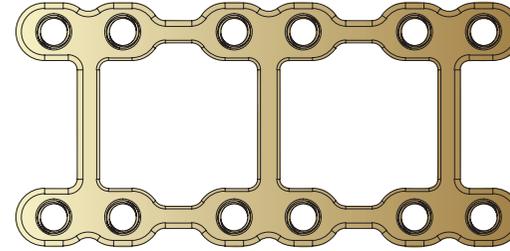
Straight plate, 8 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device



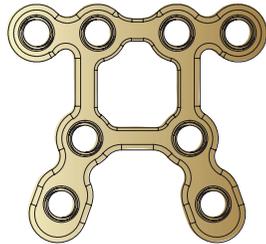
24-XPST-008
X-plate, 8 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device



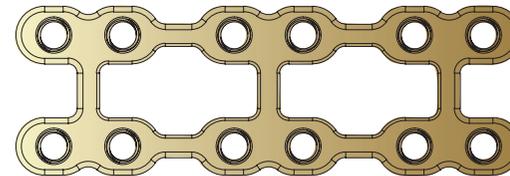
24-HWST-012
Ladder plate, Wide, 12 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device



24-JLST-008
JL plate, 8 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device

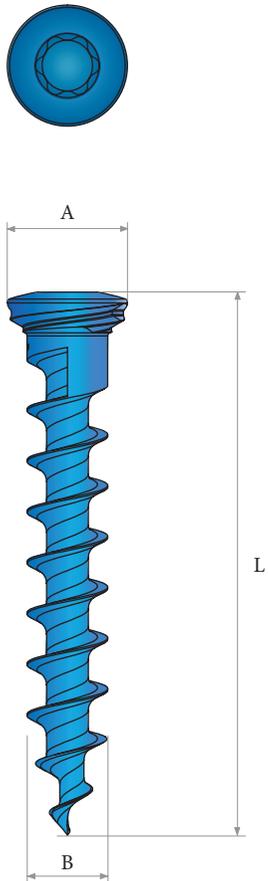


24-HNST-012
Ladder plate, Narrow, 12 Holes, Thickness 1.6mm, Gold

- Package unit: **1ea**
- Sterilized single use device

2.4 Locking Screw (Auto)

[Unit: mm]

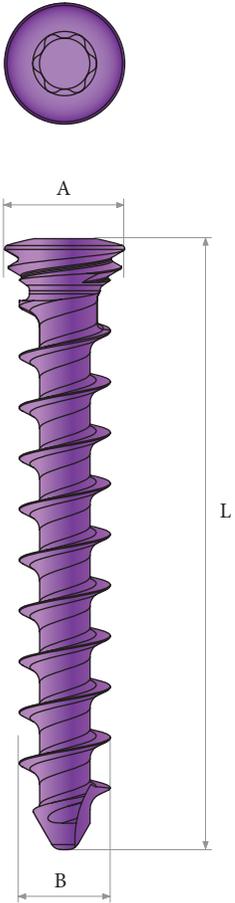


No.	Code	Head Diameter (A)	Outer Diameter (B)	Length (L)	Color	Package Unit
1	24L-SA-008-TA	Ø3.6	Ø2.4	8	Blue	1, 2, 4ea
2	24L-SA-009-TA			9		
3	24L-SA-010-TA			10		
4	24L-SA-011-TA			11		
5	24L-SA-012-TA			12		
6	24L-SA-013-TA			13		
7	24L-SA-014-TA			14		
8	24L-SA-015-TA			15		
9	24L-SA-016-TA			16		
10	24L-SA-017-TA			17		
11	24L-SA-018-TA			18		

• Sterilized single use device

2.7 Locking Screw

[Unit: mm]



No.	Code	Head Diameter (A)	Outer Diameter (B)	Length (L)	Color	Package Unit
1	27L-SA-008-TA	Ø3.6	Ø2.7	8	Purple	1, 2, 4ea
2	27L-SA-009-TA			9		
3	27L-SA-010-TA			10		
4	27L-SA-011-TA			11		
5	27L-SA-012-TA			12		
6	27L-SA-013-TA			13		
7	27L-SA-014-TA			14		
8	27L-SA-015-TA			15		
9	27L-SA-016-TA			16		
10	27L-SA-017-TA			17		
11	27L-SA-018-TA			18		
12	27L-SA-019-TA			19		
13	27L-SA-020-TA			20		

• Sterilized single use device

ARX STERNAL SYSTEM

Gamma Sterilization Products



Sternal System Plate

- Package unit: **1ea**
- Sterilized single use device

Sternal System Screw

- Package unit: **1,2,4ea**
- Sterilized single use device



SMARTO

Disposable Battery Powered Driver

111-ED-051[Gamma Sterilization]

- Battery-powered screwdriver in sterile package
- Single use disposable design eliminates need for autoclaving and repairing
- Designed to drive self-drilling screw
- Torque at the motor : 40 N•cm
- Motor speed : 165rpm

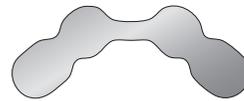


ARIX STERNAL SYSTEM

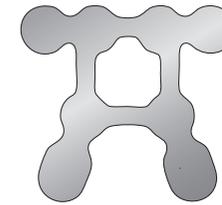
Instruments



24-SQST-004T
4 Hole Square-Template



24-LPST-004T
4 Hole L-Template



24-JLST-008T
JL Template



24-STST-004T
4 Hole Straight Template



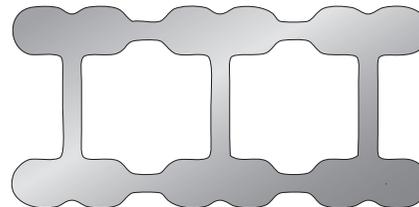
24-STST-008T
8 Hole Straight Template



24-XPST-008T
8 Hole X-Template



24-HSST-008T
8 Hole Ladder Template Short



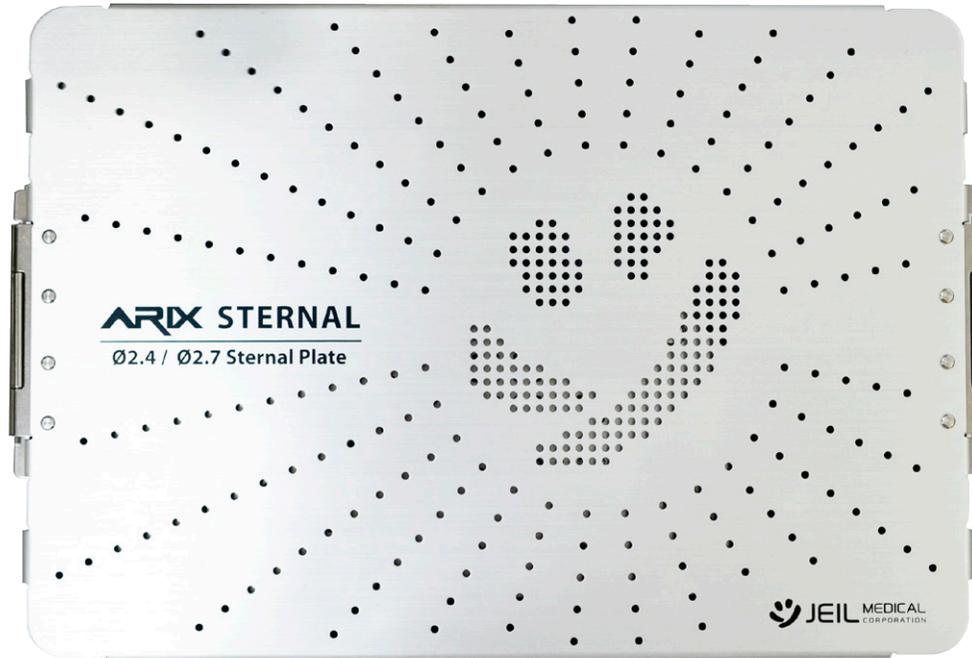
24-HWST-012T
12 Hole Ladder Template Wide



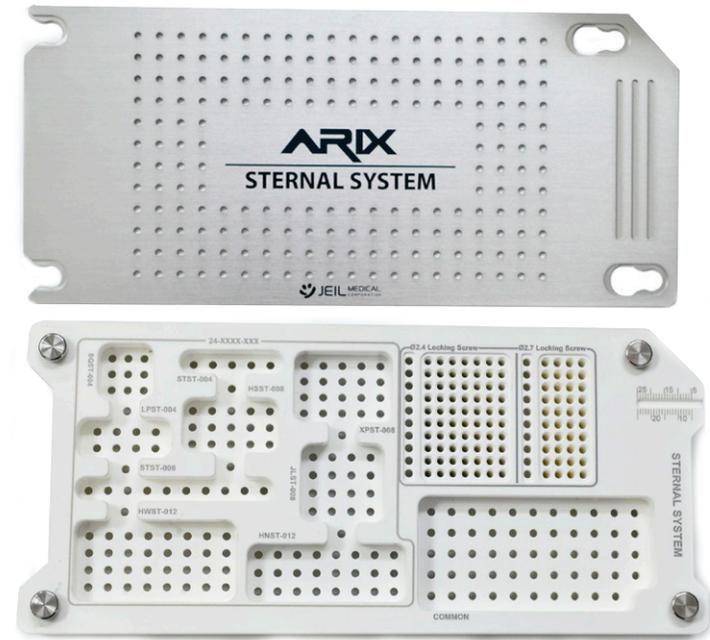
24-HNST-012
12 Hole Ladder Template Narrow

ARIX STERNAL SYSTEM

Instruments



112-107
ARIX Sternal System Tray



112-107-4
ARIX Sternal System
Inner Tray



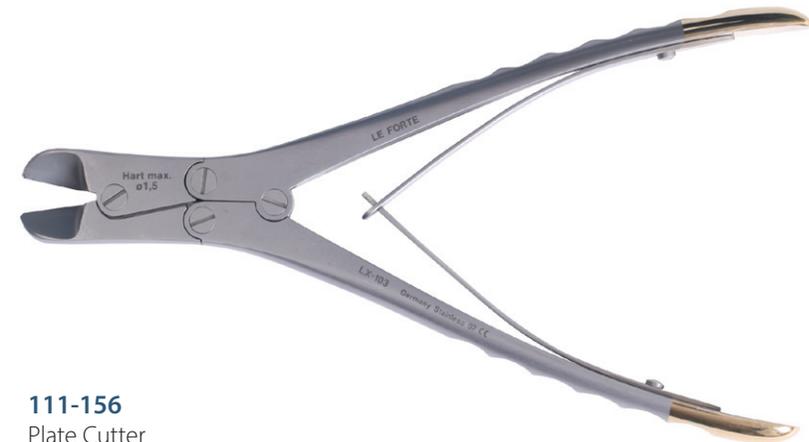
114-009
Plate Holding Forcep



111-154
Bone Reposition Forcep (Large)



111-155
Bone Reposition Forcep



111-156
Plate Cutter



26.0240.17
Plate Bender



111-148
Length Guide(Mid)



111-151
Screw Driver Handle



113-ST-001
Screw Driver Blade



113-ST-002
Screw Driver Blade(Shot)

ARIX Sternal Set Configuration

No.	Code	Description	Set Quantity
1	112-107	ARIX Sternal System Tray	1
2	112-107-4	ARIX Sternal System Inner Tray	1
3	114-009	Plate Holding Forcep	1
4	111-154	Bone Reposition Forcep (Large)	2
5	111-155	Bone Reposition Forcep	2
6	111-156	Plate Cutter	1
7	26.0240.17	Plate Bender	2
8	111-148	Length Guide(Mid)	1
9	111-151	Screw Driver Handle	1
10	113-ST-001	Screw Driver Blade	1
11	113-ST-002	Screw Driver Blade(Short)	1
12	24-LPST-004T	4 Hole L-Template	2
13	24-SQST-004T	4 Hole Square-Template	2
14	24-STST-004T	4 Hole Straight Template	2
15	24-HSST-008T	8 Hole Ladder Template Short	2
16	24-STST-008T	8 Hole Straight Template	2
17	24-XPST-008T	8 Hole X-Template	2
18	24-HWST-012T	12 Hole Ladder Template Wide	2
19	24-JLST-008T	JL Template	2
20	24-HNST-012T	12 Hole Ladder Template Narrow	2