



ARIX WRIST SYSTEM

ARIX Ulna Osteotomy System
Locking Double Compression Plate



ARIX Ulna Osteotomy System

is indicated for the followings.

- Ulnar impaction syndrome with positive ulnar variance
- Length discrepancy of the distal radial-ulnar joint following distal radius fracture
- Traumatic triangular fibrocartilage complex (TFCC) tears



Screw Specifications

Screw Types	Outer Diameter	Length	Insertion Types	Screw Head Recess	Color	Material
Locking screws	2.5mm	8 ~ 24mm	Self-Tapping	Hexagonal	Silver	Titanium Alloy
Cortical Screws (Non-Locking)						

Plate Specifications

Plates Widths	Thickness	Length	Holes	Color	Material
Small	2.5mm	60mm and 77mm	6 holes and 8 holes	Blue	Pure Titanium Gr.4
Large					

Color Coding

Screws : Silver ●

Plates : Blue ●

Materials of Implants

All plates are made from pure titanium material in conformity with ASTM F67.

All screws are made from titanium alloy material in conformity with ASTM F136.

The titanium is an ideal material for implant.

It is biocompatible, corrosion resistant, and non-toxic in biological environment.

Screw Head Recess

Self-retaining Hexagonal Recess for connection between Screw Head and Screwdriver Shaft

Screw Options



Cortical Screw
(Non-Locking)



Locking Screw

Self-tapping Locking Screws : Length 8 ~ 24mm

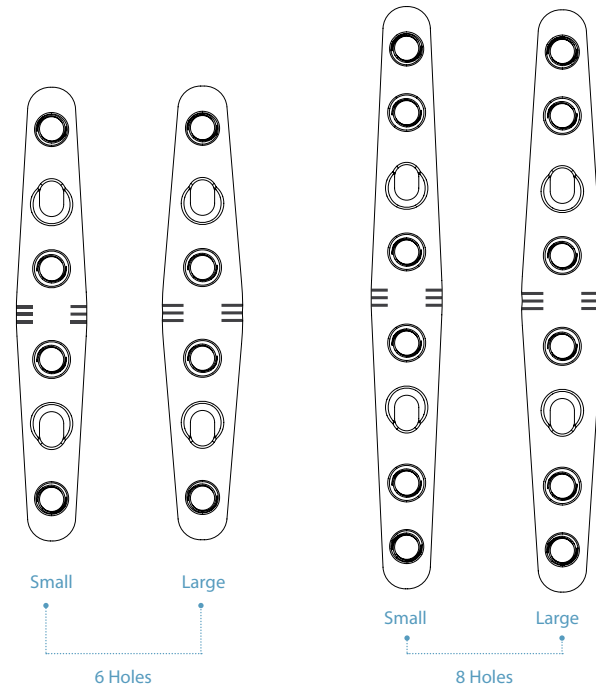
Self-tapping Cortical Screws (Non-Locking) : Length 8 ~ 24mm

Outer Diameter : 2.5mm

Plate Options

2 types of plate width as small and large

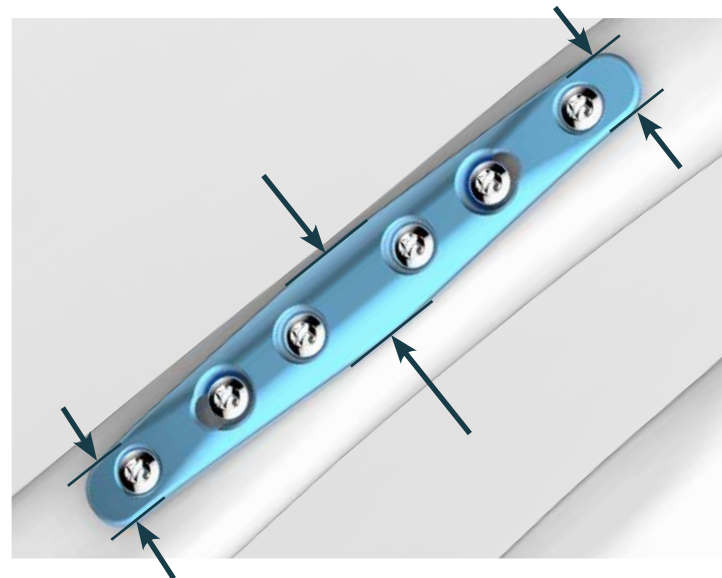
2 types of plate length as 6 holes and 8 holes



Features and Benefits

Anatomical Ulnar Osteotomy Plate

Anatomical width variance considering distal, middle, and proximal parts of ulna

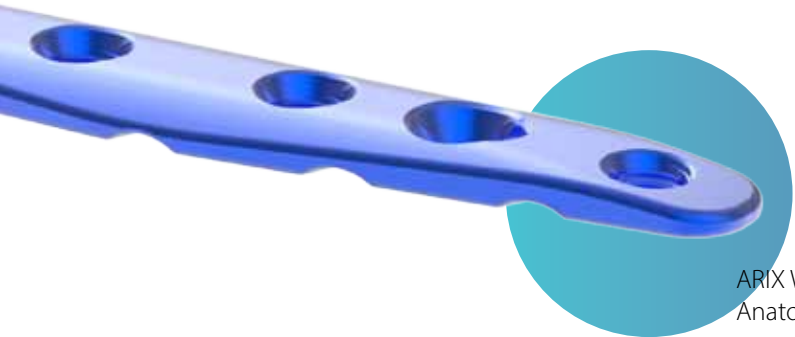


Minimal soft tissue irritation

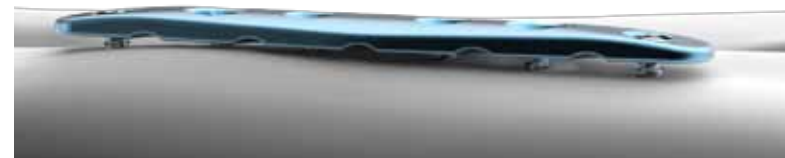
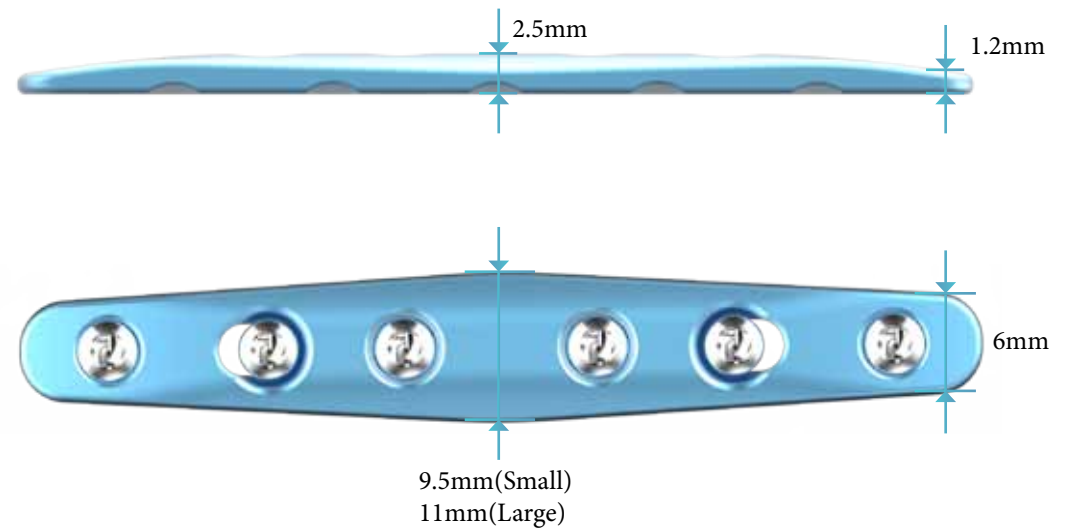
Anatomic arch design for less irritation

Rounded screw head design and minimal screw head prominence in the plate to reduce the potential for soft tissue irritation.

Low overall profile of the plate and screw construct for minimal soft tissue irritation

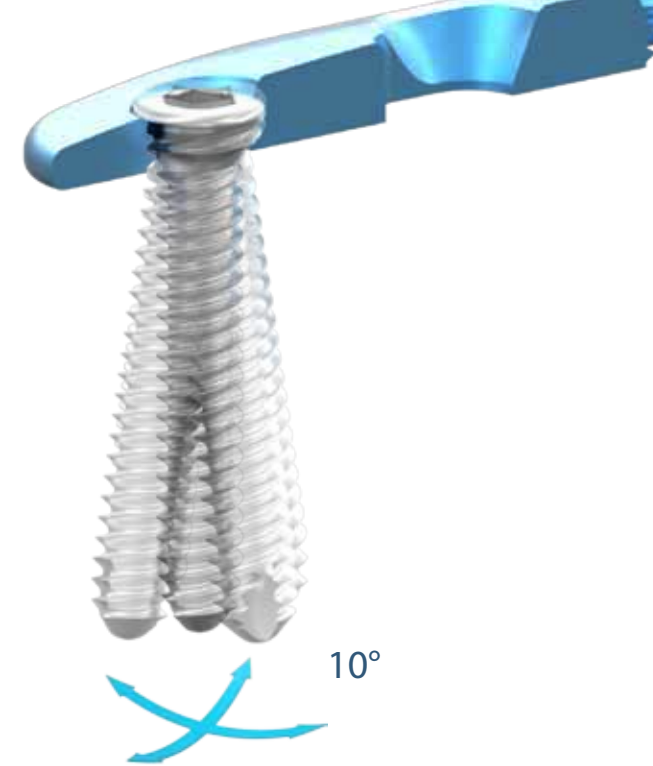


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Anatomical Ulna Plate Design



Poly-Axial Locking System

The poly-axial hole of a plate accepts locking or cortical screws as surgical needs. Locking screws as well as cortical screws can be inserted in $\pm 10^\circ$ with respect to the plate in any direction.



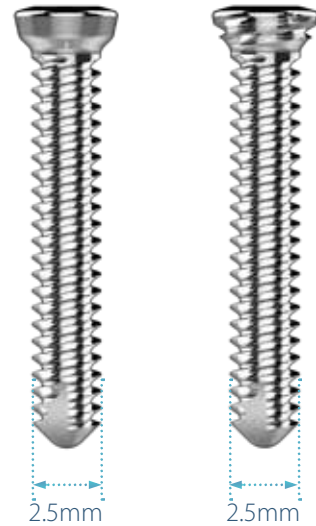
Benefits of Locking Plating System

Locking plate and screw system provides more stable fixation than conventional plate and screw system.

Locking screws will not loosen from the plate during the healing process.

Locking screws do not rely on bone to plate compression.

A fixed angle construct can be created by using locking screws in osteopenic bone or multifragmentary fractures where secure bone purchase with conventional screws may be compromised.



Intraoperative simplicity in choosing screws

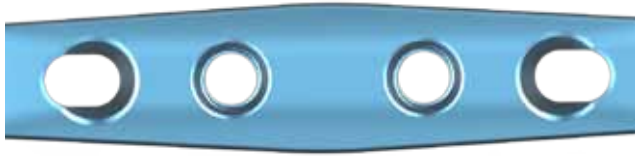
2.5mm locking and cortical screws can be used in any holes of a plate for intraoperative simplicity



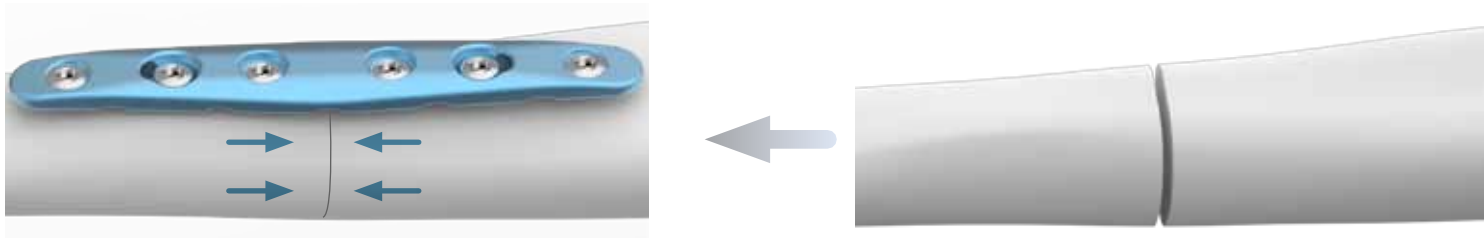
Easy Plate Identification

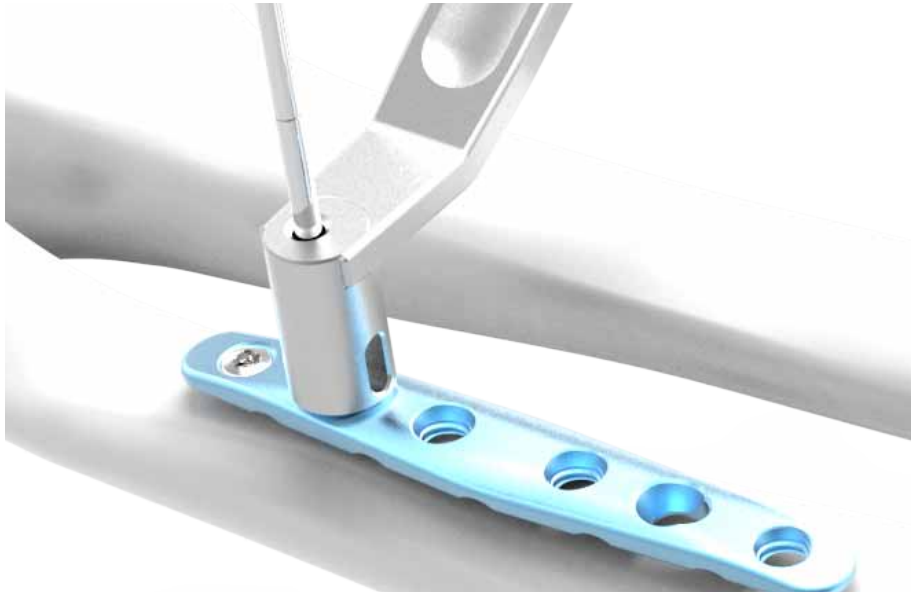
Plate size information is marked on plate such as Small or Large.

Double Compression Holes for Absolutely Stable Bone Healing



Double compression holes (Each 1.5mm compression per left, and right side) enables perfect compression of bone fragments for rapid bone healing.





Compression Drill Guide

The compression drill guide helps to drill holes on the plate for the Double Compression in the very accurate position.

The Double Compression feature will lead you to ensure the maximum ulnar bone reduction, and better bone reunion after the osteotomy.



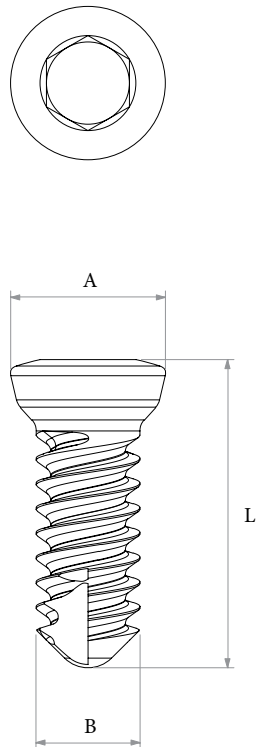
Fixed Angle Drill Sleeve

The fixed angle drill sleeve helps to drill a hole in the nominal trajectory of each locking hole.

Scales are marked for prompt depth measurement of a pilot hole.

2.5mm Self-Tapping Cortical Screws (Non-Locking)

[Unit: mm]

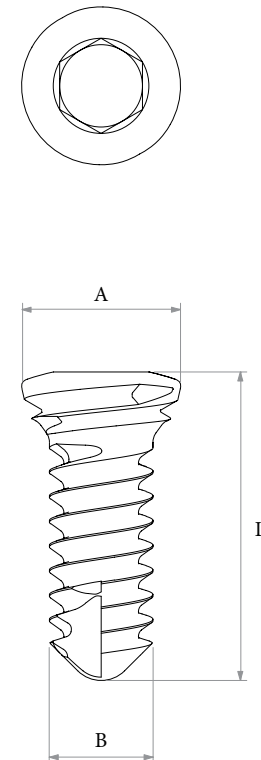


No.	Code	Head Diameter (A)	Outer Diameter (B)	Length (L)
1	25-HF-008	Ø3.7	Ø2.5	8
2	25-HF-010			10
3	25-HF-012			12
4	25-HF-014			14
5	25-HF-016			16
6	25-HF-018			18
7	25-HF-020			20
8	25-HF-022			22
9	25-HF-024			24

2.5mm Self-Tapping Locking Screws

[Unit: mm]

No.	Code	Head Diameter (A)	Outer Diameter (B)	Length (L)
1	25L-HF-008	Ø3.8	Ø2.5	8
2	25L-HF-010			10
3	25L-HF-012			12
4	25L-HF-014			14
5	25L-HF-016			16
6	25L-HF-018			18
7	25L-HF-020			20
8	25L-HF-022			22
9	25L-HF-024			24



ARIX Ulna Osteotomy Plates



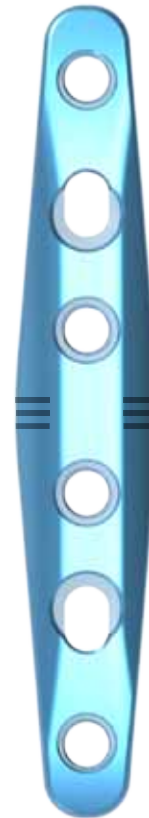
25-DLUL-008
Ulna Osteotomy Locking Plate
Small, Length 77mm, 8 Holes,
Thickness 2.5mm, Blue



25-DLUL-006
Ulna Osteotomy Locking Plate
Small, Length 60mm, 6 Holes,
Thickness 2.5mm, Blue



25-DLUL-108
Ulna Osteotomy Locking Plate
Large, Length 77mm, 8 Holes,
Thickness 2.5mm, Blue



25-DLUL-106
Ulna Osteotomy Locking Plate
Large, Length 60mm, 6 Holes,
Thickness 2.5mm, Blue

Ordering Information – Instruments



113-HF-607
Hexagonal Screwdriver Shaft



112-25-301
Drill Bit for 2.5mm screws, Ø2.0mm,
Drilling length 30mm,
Overall length : 110mm, J-Latch



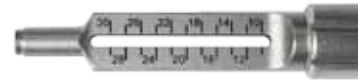
BD-05
Grasping Forceps



111-092
Screwdriver Handle



112-085
ARIX Ulna Osteotomy
Implant/Instrument Container



111-084
Fixed Angle Drill Sleeve for Ø2.0mm drill bit



111-085
Compression Drill Guide for Ø2.0mm drill bit



111-075
Depth Gauge for 2.5mm screws

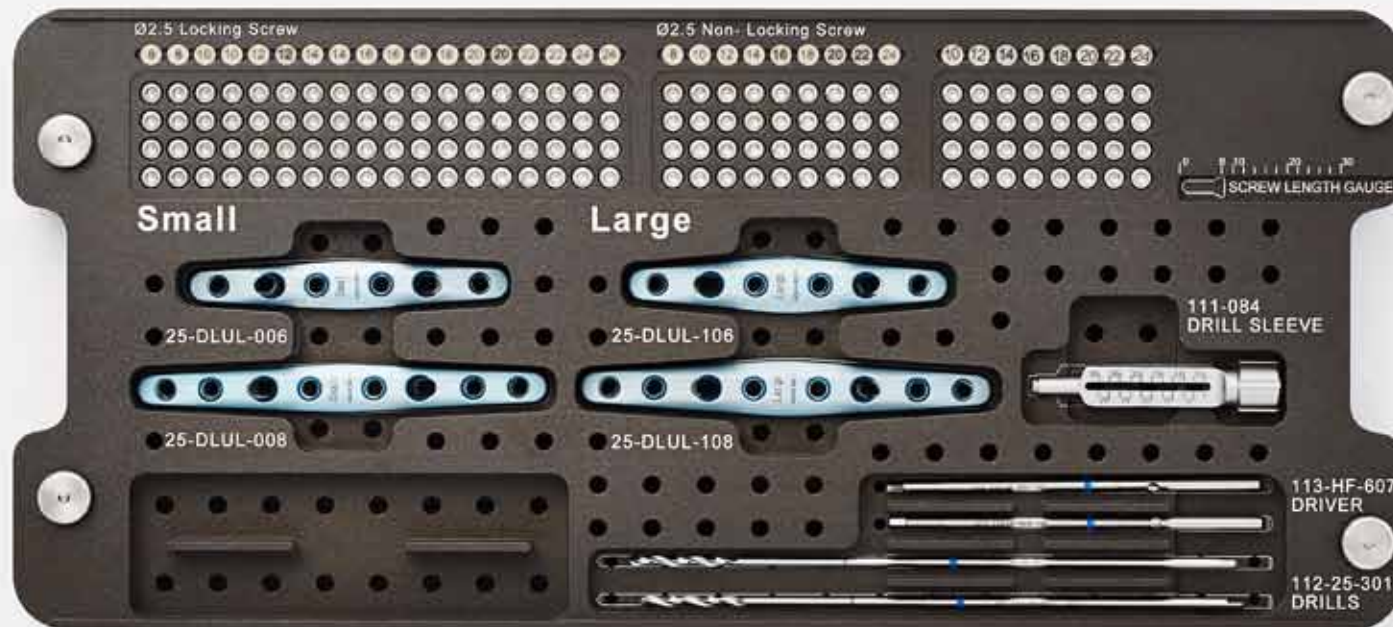
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Ø2.5 Ulna Osteotomy Plate



NO	Code	Description	Set Quantity
Instruments			
23	111-092	Screwdriver Handle	2
24	111-075	Depth Gauge	1
25	112-25-301	Drill bit for 2.5mm screws	2
26	111-085	Compression Drill Guide for Ø2.0mm drill bit	1
27	111-084	Fixed Angle Drill Sleeve for Ø2.0 drill bit	1
28	BD-05	Grasping Forceps	1
29	113-HF-607	Hexagonal Screwdriver Shaft	2

NO	Code	Description	Set Quantity
Implants _ Screws			
1	25L-HF-008	2.5 Locking Screw (8mm)	8
2	25L-HF-010	2.5 Locking Screw (10mm)	8
3	25L-HF-012	2.5 Locking Screw (12mm)	8
4	25L-HF-014	2.5 Locking Screw (14mm)	8
5	25L-HF-016	2.5 Locking Screw (16mm)	8
6	25L-HF-018	2.5 Locking Screw (18mm)	8
7	25L-HF-020	2.5 Locking Screw (20mm)	8
8	25L-HF-022	2.5 Locking Screw (22mm)	8
9	25L-HF-024	2.5 Locking Screw (24mm)	8
10	25-HF-008	2.5 Cortical Screw (8mm)	4
11	25-HF-010	2.5 Cortical Screw (10mm)	4
12	25-HF-012	2.5 Cortical Screw (12mm)	4
13	25-HF-014	2.5 Cortical Screw (14mm)	4
14	25-HF-016	2.5 Cortical Screw (16mm)	4
15	25-HF-018	2.5 Cortical Screw (18mm)	4
16	25-HF-020	2.5 Cortical Screw (20mm)	4
17	25-HF-022	2.5 Cortical Screw (22mm)	4
18	25-HF-024	2.5 Cortical Screw (24mm)	4
Implants _ Plates			
19	25-DLUL-006	Small, Length 60mm	3
20	25-DLUL-008	Small, Length 77mm	3
21	25-DLUL-106	Large, Length 60mm	3
22	25-DLUL-108	Large, Length 77mm	3



2.5 Ulna Osteotomy Plates and Screws



Instruments for Ø2.5 Ulna Osteotomy Plate and Screws

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