intrauma®

EN

KITE

Anatomic.

O'nil
The internal fixator

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KITE

Malleolar plates.

The **O'nil Kyte system** allows a perfect reduction of the lateral malleolus and includes plates of 3 different lengths.
The elliptical hole in the diaphyseal area allows fibular malleolus syndesmosis using a standard screw.
The unique conical screw-plate locking mechanism ensures fracture stability whist avoiding pressure on the bone, preserving vascularity and accelerating the return of the patient's previous mobility and function.
Anatomically pre-shaped plates reduce soft tissue irritation and do not require additional modelling.

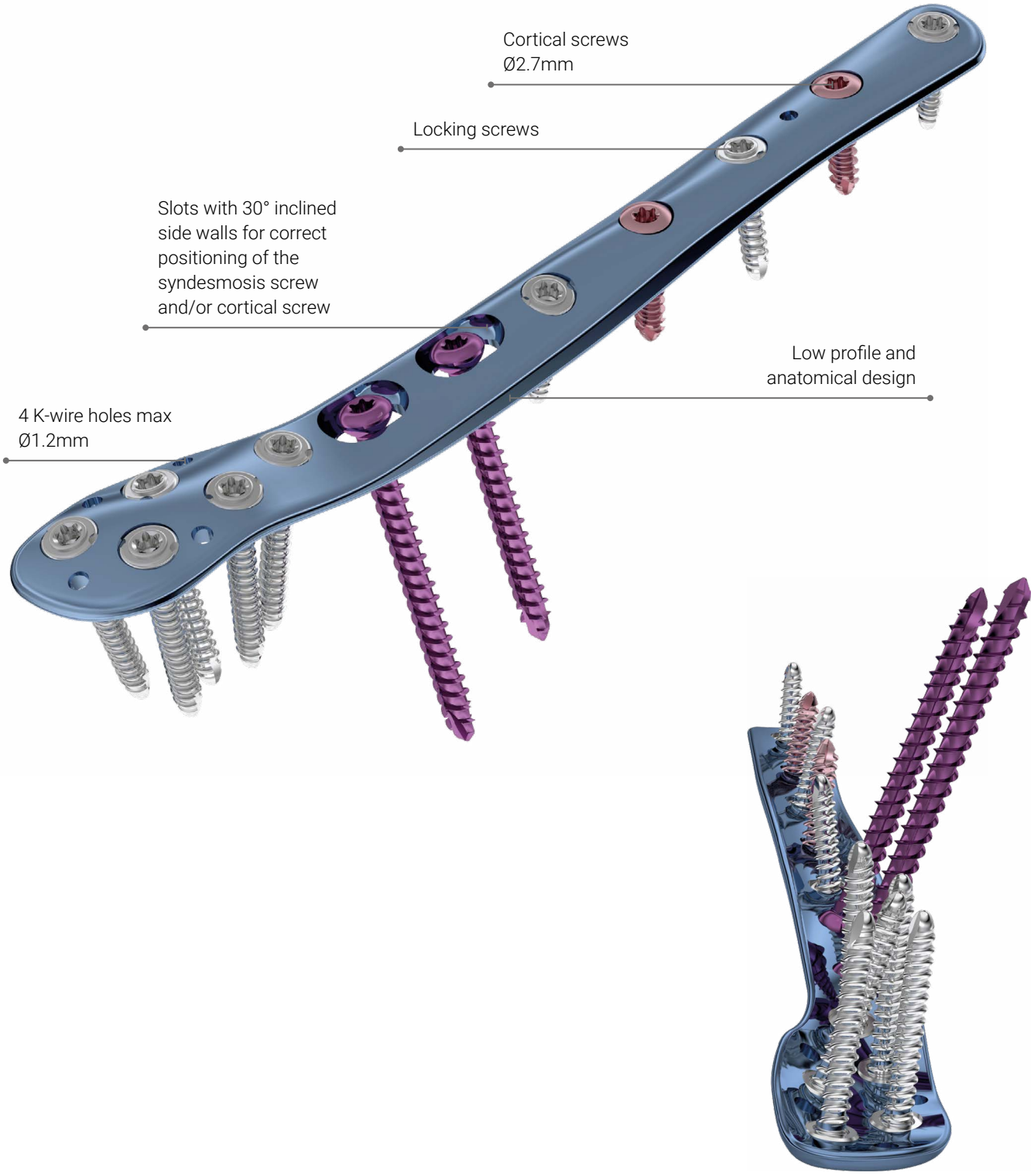
Benefits and advantages

- The patented screw-plate locking system allows easy locking of the screws, eliminates the risk of cross threading between the screw and plate, and ensures a simple operative technique.
- Available in three different lengths.
- Plates, screws and bushings made of titanium Ti6Al4V – ISO 5832-3.
- Bicortical fixation.
- Simple and intuitive Instruments for reduced surgery times.

/ Kite anatomic plate

Indications

- Diaphyseal and metaphyseal fractures of the distal fibula (4F3).
- Intra and extra articular fractures of the distal fibula (44-A/B/C).
- Consolidation delays.



Surgical Technique.

Patient positioning:

the patient is placed in a supine position on a radiolucent table. It is recommended to check the possibility of having images of the distal fibula in both lateral and antero-posterior views.

Approach:

make a straight lateral or posterolateral surgical incision to expose the fibular fracture, the distal fibula, and the fibular diaphysis.

• **1**

Temporarily fix the plate, positioning a K-wire Ø1.2mm (S235).

• **2**

Using the Ø2.2mm Drill Bit (S222) and the Universal Drill Guide (S210), drill a hole for non-locking cortical screw Ø2.7mm in the diaphysis.

• **3**

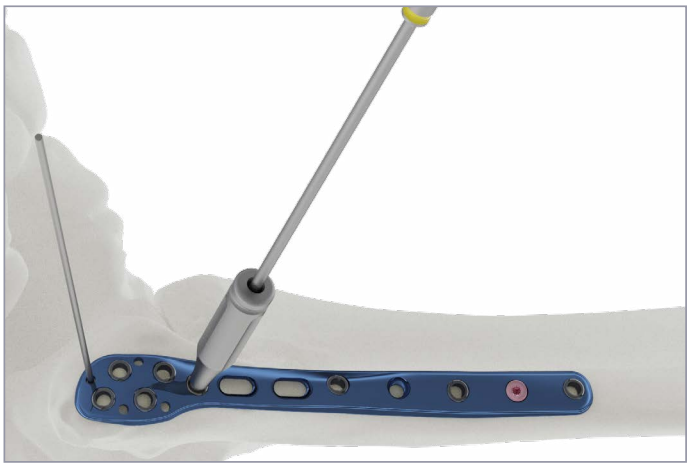
To determine screw length, use the Depth Meter (S23).

• **4**

Insert the screw using the Screwdriver S24HL

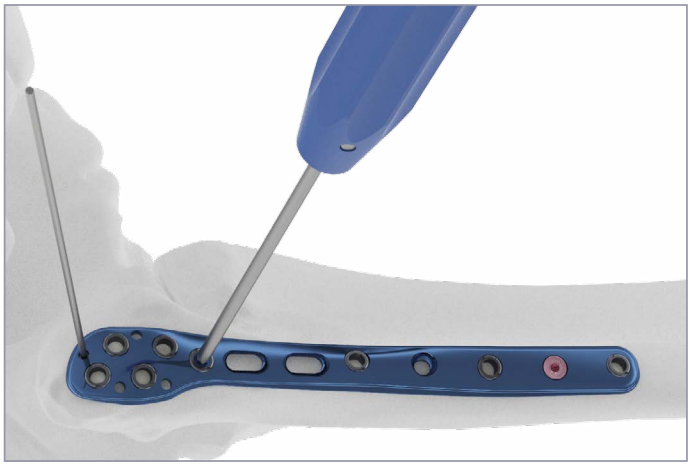
• **5**

Using the Ø2.2mm Drill Bit (S222) and the Conical Drill Guide (S215) inserted in the bushing, drill a hole for Ø2.5mm locking screw in the epiphysis.



• **6**

After measuring the screw length with the Depth Meter (S23), insert the selected screw.



• **7**

Proceed inserting the remaining locking screws in the epiphysis and non-locking cortical screws in the diaphysis.

• **8**

Complete the implant inserting the remaining locking screws in the diaphysis.

• 9

If necessary, insert the syndesmosis screws Ø3.0mm using the Universal Drill Guide (S210) and the Ø2.2mm Drill bit (S222).

Ordering information.

			Epiphysis holes		Diaphysis holes	
Ref.	Description	L. mm	Locked	Free	Locked	Free
120.7109	KITE Malleolar support (L) short	82	5	0	2	3
120.7110	KITE Malleolar support (R) short	82	5	0	2	3
120.7111	KITE Malleolar support (L) medium	107	5	0	3	4
120.7112	KITE Malleolar support (R) medium	107	5	0	3	4
120.7113	KITE Malleolar support (L) long	132	5	0	5	4
120.7114	KITE Malleolar support (R) long	132	5	0	5	4

Materials:
Bushings and plates | Titanium Ti6Al4V - ISO 5832-3

Autolocking screws

/ SCREW | Ø2.5MM

Ref.	L. mm
120.2508	8
120.2510	10
120.2512	12
120.2514	14
120.2516	16
120.2518	18
120.2520	20
120.2522	22
120.2524	24
120.2526	26
120.2528	28
120.2530	30
120.2534	34
120.2538	38
120.2542	42
120.2546	46
120.2550	50

Ti6Al4V - ISO 5832-3

Cortical screws

/ SCREW | Ø2.7MM

Ref.	L. mm
120.2706	6
120.2708	8
120.2710	10
120.2712	12
120.2714	14
120.2716	16
120.2718	18
120.2720	20
120.2722	22
120.2724	24
120.2726	26
120.2728	28
120.2730	30
120.2732	32
120.2734	34
120.2736	36
120.2738	38
120.2740	40

Ti6Al4V - ISO 5832-3

/ SCREW | Ø3.0MM

Ref.	L. mm
120.2938	38
120.2942	42
120.2946	46
120.2950	50
120.2954	54
120.2958	58

Ti6Al4V - ISO 5832-3

Mini Fragments

Instruments set

REF. S205
MINI FRAGMENTS Instruments Case - 1 pc

REF. S21
Ø2.2mm Conical Drill Guide - 1 pc

REF. S210
Ø2.2mm Universal Drill Guide - 1 pc

REF. S213
Ø1.2mm K-Wire Sleeve - 1 pc

REF. S215
Ø2.2mm Conical Graduated Drill Guide - 1 pc

REF. S222
Ø2.2 Drill Bit, 115mm - 1 pc

REF. S23
Depth Meter - 1 pc

REF. S232
Ø1.2mm K-Wire Guide - 1 pc

REF. S235
K-Wire Ø1.2mm x 120mm - 2 pcs

REF. S245HL
Quick Coupling HL8 Hexalobular Shaft - 1 pc

REF. S24HL
HL8 Hexalobular Screwdriver - 1 pc

REF. S291
Ø2.2mm Coaxial Drill Guide - 1 pc

REF. -SET-MINI-FRAGMENTS
Instruments set

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