



FEATURES
BROCHURE

enovis™

AIRLOCK®

ANKLE PLATING SYSTEM

PLATING SYSTEMS



KEY FEATURES

Airlock® anterior ankle arthrodesis plates, made of titanium alloy, allow fusion of the tibio-talar joint. Available in mini and medium versions, as right and left options, with a design optimized to minimize the initial tibial incision and preserve soft tissue.

AIRLOCK® ANKLE PLATES

1 MINI ANTERIOR PLATE

- MINI plate thanks to reduced tibial part
- MINI incision for mini invasive approach
- MINImized design to limit subcutaneous discomfort

2 MEDIUM ANTERIOR PLATE

- Anatomical helitortion: proximal part designed to adapt to the tibia curvature

LOW PROFILE PLATE

- 2mm proximal thickness
- Optimized to limit subcutaneous discomfort

ORIENTATION MARKS:



Tibial axis

Precise positioning of the plate in relation to the tibial axis



Compressive screw

Indicated positioning of the compressive screw in relation to the plate

SHORT TALAR NECK

- Minimized incision
- Wider anatomical adaptation
- Talar anchorage maximized by various defined directions of the 3 locking screws



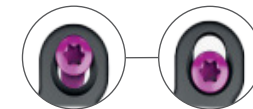
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STANDARD COMPRESSION HOLE

- Accommodates with Ø4 and Ø4.7 non-locking screws
- Delivers up to 3 mm of additional compression



UNIVERSAL HOLES

- Threaded holes for Ø4 and Ø4.7 locking or non-locking screws
- Optimized design for complete burial of screw heads



KEY FEATURES

AIRLOCK® ANKLE PLATES & SCREWS



Anterior mini plates

- . Length: 50 mm
- . Width: 26 mm
- . Thickness: 2 mm (proximal) & 4 mm (distal)



Anterior medium plates

- . Length: 86 mm
- . Width: 28 mm
- . Thickness: 2 mm (proximal) & 4 mm (distal)

Ø4 AND Ø4.7 LOCKING AND NON-LOCKING SCREWS



SCREW HEAD:

- . Smooth edge: protects soft tissue
- . Conical head
- . T15 retentive recess

SCREW TIP:

- . Self-tapping

POLYAXIAL LOCKING:

- . Angulation cone possible up to 20° on tibial part
- . Double thread: ensures a stable & strong locking system
- . Straight flute: locks the screw into the hole

INSTRUMENTATION

CUTTING GUIDE

The cutting guide enables quick parallel cuts of the tibio-talar articular surfaces.



- ① **GUIDED POSITIONING**
on the joint thanks to the centering device and orientation marker
- ② **CHOICE OF CORRECTION**
in all spatial planes before stabilizing the guide with the positioning pins
- ③ **PRECISE BONE CUTS**
through the tibio-talar cutting window

INSTRUMENTATION

TIBIO-TALAR QUICK-DRILL GUIDE

Adapted to mini and medium anterior plates, the tibio-talar quick-drill guide simplifies the steps required to **prepare** the holes, **insert** the talar screws and **guide** the compression screw insertion.



① RAPIDITY

Simultaneous drilling and screw insertion on talar part

② GUIDED PLACEMENT

Of tibio-talar compression screw to avoid conflict with the trajectory of the plate's screws

REFERENCE

ANTERIOR MINI PLATE

PART NO.	DESCRIPTION
PL090110	ANTERIOR MINI PLATE RIGHT
PL090210	ANTERIOR MINI PLATE LEFT

LOCKING POLYAXIAL SCREWS

PART NO.	DESCRIPTION
SP0140XX	Ø 4 mm
SP0147YY	Ø 4.7 mm

With XX from 14 to 60 in 2 mm increments up to 50 and 5 mm increments up to 60.

ANTERIOR MEDIUM PLATE

PART NO.	DESCRIPTION
PL090140	ANTERIOR MEDIUM PLATE RIGHT
PL090240	ANTERIOR MEDIUM PLATE LEFT

NON LOCKING SCREWS

PART NO.	DESCRIPTION
SP0440XX	Ø 4 mm
SP0247YY	Ø 4.7 mm

With XX from 14 to 60 in 2 mm increments up to 50 and 5 mm increments up to 60.

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