



Brochure



- . **Complete** platform
- . **Low profil plates** adapted to each indication
- . **Presslock[®]** Technology

airlock[®]

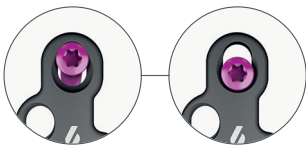
Plating System

The Airlock[®] plating system is a range of osteosynthesis plates for the forefoot, midfoot and rearfoot, made of TA6V ELI Titanium alloy. It combines a low profile plate design **dedicated to each indication**, a **compression hole**, and a **monoaxial** and **polyaxial** screw system to ensure a stable and rigid fixation.

The **Presslock[®] technology** provides a locking compression hole that ensures a stable construct.

The Airlock[®] solution

Low Profile design > Plates thickness optimized according to the indications to limit subcutaneous discomfort.



- 1 Standard compression hole**
- Accomodates with Ø3 non-locking screws
 - Delivers 1.5 mm of additional compression
 - Corresponds to areas with high bone density



- 2 Threaded holes**
- For locking or non-locking screws

- 3 Visual alignment guide for arthrodesis line**
- Precise positioning of the plate in relation to the arthrodesis line

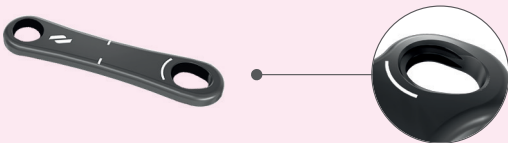


- 4 Visual alignment guide for compressive plantar screw**
- Helps the MTP plate positioning in relation to the interfragmentary screw



Presslock[®] innovation - Patent pending

- Locking compression hole for Ø3.5 mm locking screw.
- Allows for an additional 1.5 mm compression before locking into a threaded hole, providing strength and stable fixation.



Presslock[®] 3 step procedure: drill, compress & lock

presslock[®]

Compression Plates

Available on



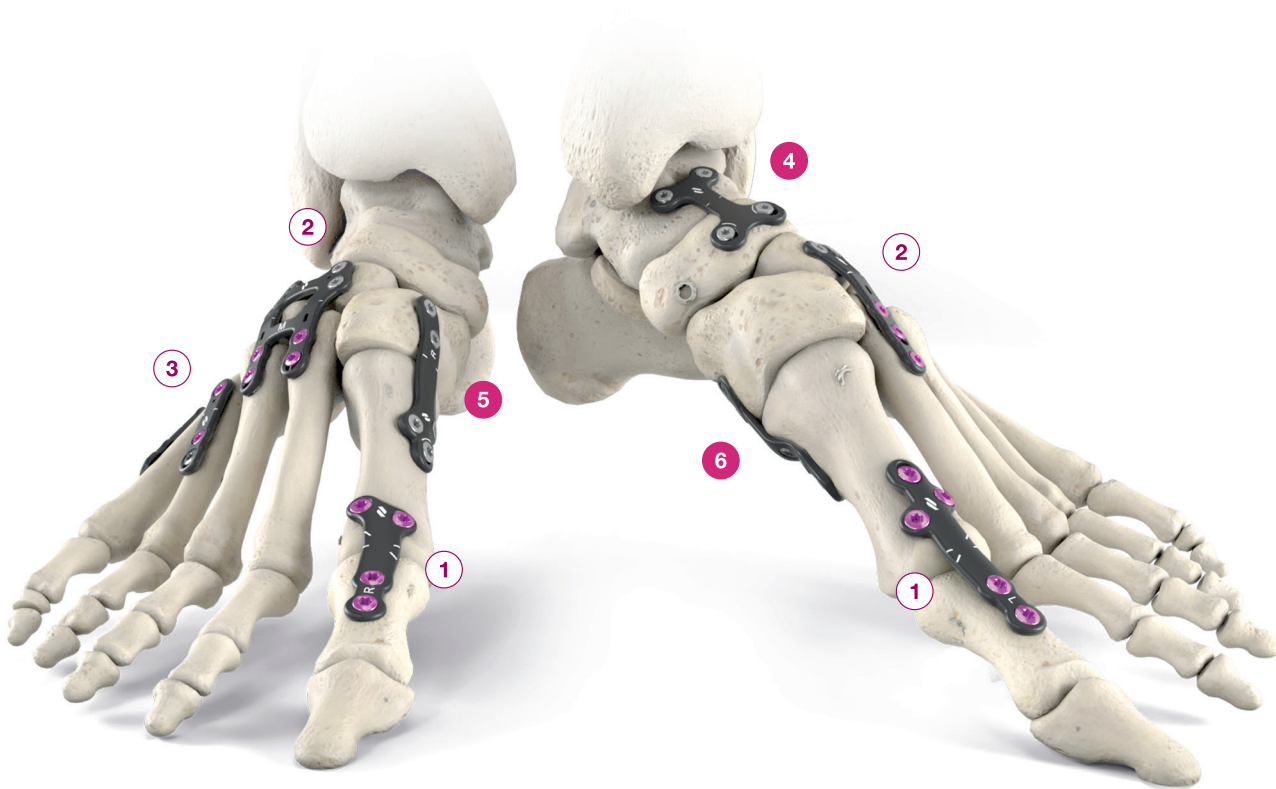
Fusion



Lapidus



Plantar Lapidus



MTP ①

Short

- Thickness: 1.3 mm

Medium

- Thickness: 1.3 mm
- Compression hole

Long

- Thickness: varies from 1.3 mm to 1.6 mm along the joint line
- Compression hole
- Central port hole allows for graft insertion and snap-off screw

UTILITY ③

22 28 34 40 46 52

6 versions

- 2, 3, 4, 5, 6 & 7 holes
- Thickness: 1.5 mm
- Compression hole

LISFRANC ②

T plates

H plates

- Thickness: 1.5 mm
- Compression hole

MT BASE

Closing wedge

0 mm Wedge

Opening wedge

3, 4 & 5 mm Wedge

- Thickness: 1 mm

FUSION ④

Straight plates

H plates

- Thickness: 1.6 mm
- Presslock® compression locking holes

LAPIDUS ⑤

Short plates

Long plates

- Thickness*: 1.3 mm
- *Thickness increases to 1.6 mm in the Presslock® hole area
- Presslock® compression locking hole

PLANTAR LAPIDUS ⑥

Short plates

Long plates

- Thickness: 1.6 mm
- Presslock® compression locking hole

MONOAXIAL & POLYAXIAL SYSTEM

Locking & non locking screws Ø 3 & 3.5 mm

Ø3 Locking airlock

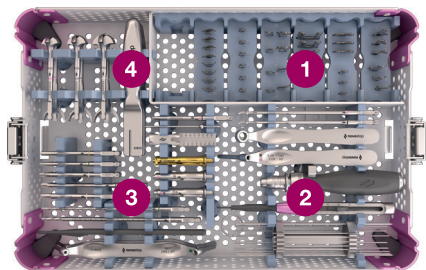
Ø3 Non locking airlock

Ø3.5 Locking airlock

Ø3.5 Non locking airlock

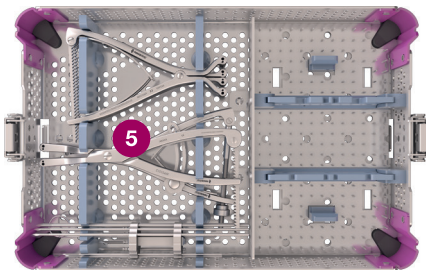
Complete & modular platform

Used together or separately, these instrument trays allow a comprehensive approach to the various indications of foot surgery.



Airlock® tray

- 1 Trial plates
- 2 Airlock® instrumentation
Windowed drill-guide: direct reading of the required screw length
- 3 Nexis® & PECA®-C instrumentation
- 4 Benders & Reamers

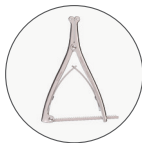


Distractors & compressor tray

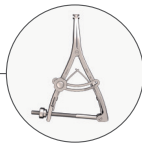
- 5 Distractors & compressor



Open Arm
Distractor



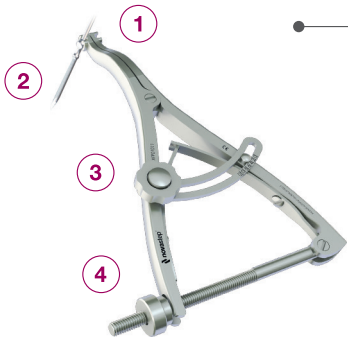
Closed Arm
Distractor



Opening Wedge
Distractor



Compressive
Forceps



1 **Anatomical wedge-shaped opening**
Made possible by the ball-and-socket joint on the dedicated threaded K-Wires

2 **Opening Wedge threaded K-wires**
Allow a stable opening and a distraction close to the bone

3 **Easy to measure the opening**
After K-wires insertion adjust the initial position to 0 mm
The sliding graduated ruler allows 0-12 mm sizing increments

4 **Easy and precise adjustment**
Of the opening, fixed by a screwed wheel

References

The osteosynthesis screw-plate systems are indicated for arthritis (Hallux Rigidus, Osteoarthritis), Hallux valgus and other bone alignment defaults (Hallux Varus, Flatfoot, Cavus foot).

MTP

Reference	Designation
PL010134 / 234	Short - Right / Left
PL010140 / 240	Medium - Right / Left
PL010152 / 252	Long - Right / Left

Lisfranc

Reference	Designation
PL050101	T - Short
PL050102	T - Long
PL050201	H - Small
PL050202	H - Medium
PL050203	H - Large

Utility

Reference	Designation
PL040016	2 Holes, Length 16
PL040022	3 Holes, Length 22
PL040028	4 Holes, Length 28
PL040034	5 Holes, Length 34
PL040040	6 Holes, Length 40
PL040046	7 Holes, Length 46

MT Base

Reference	Designation
PL020100 / 200	Closing Wedge - Right / Left
PL020103 / 203	Open Wedge 3 - Right / Left
PL020104 / 204	Open Wedge 4 - Right / Left
PL020105 / 205	Open Wedge 5 - Right / Left

K-Wires & positioning pins

Reference	Airlock® tray
XPP01003	Spherical positioning pin
33-T10-R-14-150	K-Wire Ø 1.4 Lg 100
33-T10-R-16-180	K-Wire Ø 1.6 Lg 180

Reference	Distractors & Compressor tray
SKW04001	Threaded K-Wire Ø 2.5 - opening wedge distractor - sterile
SKW05003	Threaded K-Wire TR-RD Ø 1,6 lg 150 - sterile
SKW05004	Threaded K-Wire TR-RD Ø 2,5 lg 200 - sterile

Fusion - Presslock®

Reference	Designation
PL040117 / 120 / 123	Straight – Short / Medium / Long
PL040217 / 220 / 223	H – Short / Medium / Long

Lapidus - Presslock®

Reference	Designation
PL030301 / 02	Short – Right / Left
PL030401 / 02	Long – Right / Left

Plantar Lapidus - Presslock®

Reference	Designation
PL080101 / 102	Short – Right / Left
PL080201 / 202	Long – Right / Left

Airlock® screws Ø 3 & Ø 3.5

Locking		Non locking	
Ø 3 mm	SP0130XX	Ø 3 mm	SP0230XX
Ø 3.5 mm	SP0135YY	Ø 3.5 mm	SP0235YY

With XX from 10 to 30 in 2 mm increments.
With YY from 10 à 40 in 2 mm increments.

Compressive screws

Screws	Length	Reference
Nexis® Ø 4	18 to 60 mm	SC0500XX
Nexis® Ø 5	30 to 100 mm	SC060YYY
PECA®-C Ø 4	18 to 60 mm	PS0501XX

With XX from 18 to 60 in 2 mm increments up to 50 and 5 mm increments up to 60.
With YYY from 030 to 050 in 2 mm increments up to 50 and 5 mm up to 100.

Screws color code

Color	Screws
	Airlock® Ø 3 mm
	Airlock® Ø 3.5 mm
	Nexis® Ø 4 mm
	Nexis® Ø 5 mm
	PECA®-C Ø 4 mm

Please Note:
Carefully read the enclosed Instructions For Use (IFU) and all packaging label information. Devices: Implants: Class IIb-CE1639 / Instruments: Class I / Class Ir / Class IIa-CE1639.

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Reference: **AIR-L-Ed7-02-24-EN**