

austofix **Foot and Ankle**

2.7mm & 3.5mm Plates

Product Brochure



austofix Foot and Ankle

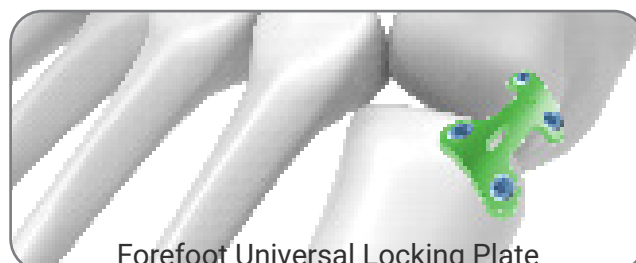
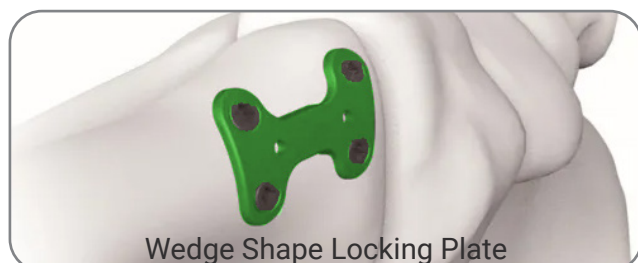
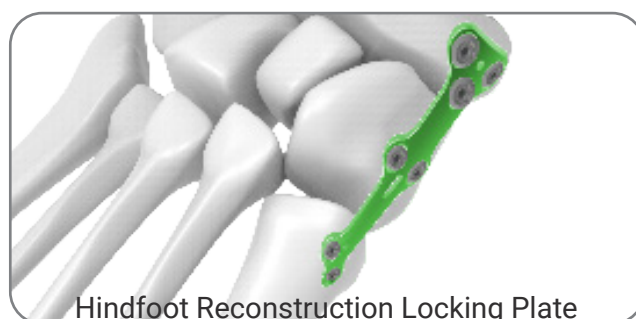
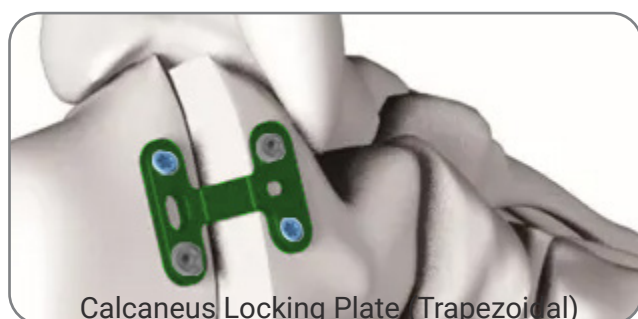
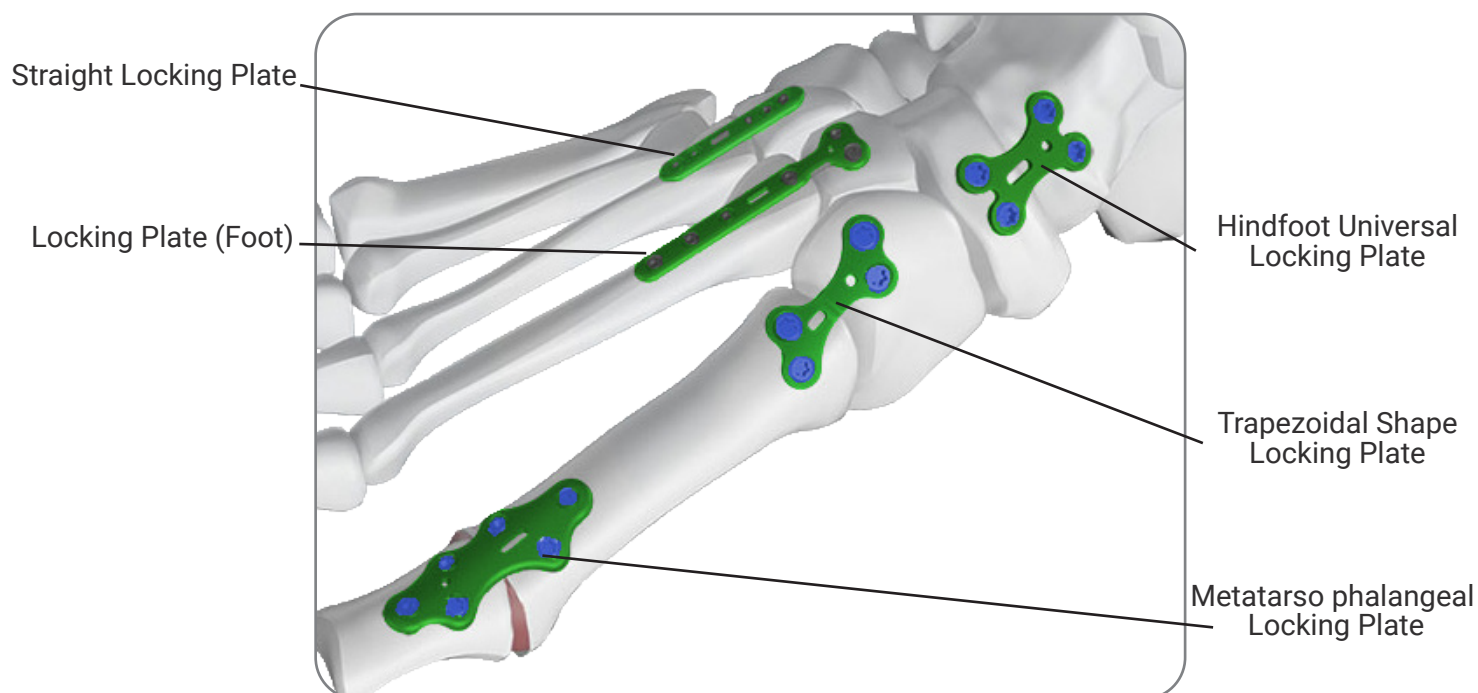
2.7mm & 3.5mm Plates

The Austofix Foot and Ankle Locking Plates provide surgeons with a complete fixation system for the many complex fracture patterns found in the foot and ankle including the hindfoot, midfoot and forefoot.

The titanium plates and screws incorporate significant design advantages, facilitating surgical accuracy and efficiency and delivering better patient outcomes.

Austofix understands the importance of proven, high quality medical devices and instruments. The Foot and Ankle Locking Plates adhere to these principles and will provide the surgeon with a comprehensive foot and ankle fixation solution.

Plate Range



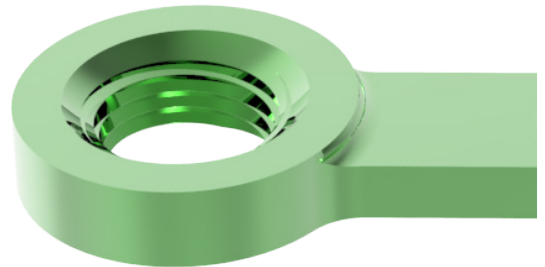
Implant Features

Plates

Threaded Hole

The Threaded Hole allows for a range of plate fixation options. The holes accommodate Cortex and Locking Screws.

- » Locking Screws link with the threads in the Threaded Hole, keeping the Screw at a fixed angle.
- » Multiple points of fixation to allowing the plate to buttress fragments.



K-Wire Holes and Compression Slots

The Compression Slot enhances the placement of the osteotomy site to increase the stability of the implant and bone construct. The holes allow for stabilisation of the implant using k-wires over joint areas.

- » Designed to minimize additional soft tissue dissection.
- » Assists with final screw fixation after compression.
- » Used as preliminary fixation between the plate and bone.

K-Wire Hole



Compression Slot

Tapered End

Tapered end assists in submuscular plate insertion and helps to minimise tissue trauma.



Screws

Locking Screw

- Self-Tapping
- Reduced Screw Backout
- Unicortical or Bicortical Fixation



Cortex (Cortical) Screw

- Dynamic Compression
- Compression
- Self-Tapping



Plate Features

Forefoot and Hindfoot Universal Locking Plate

Anatomical Fit

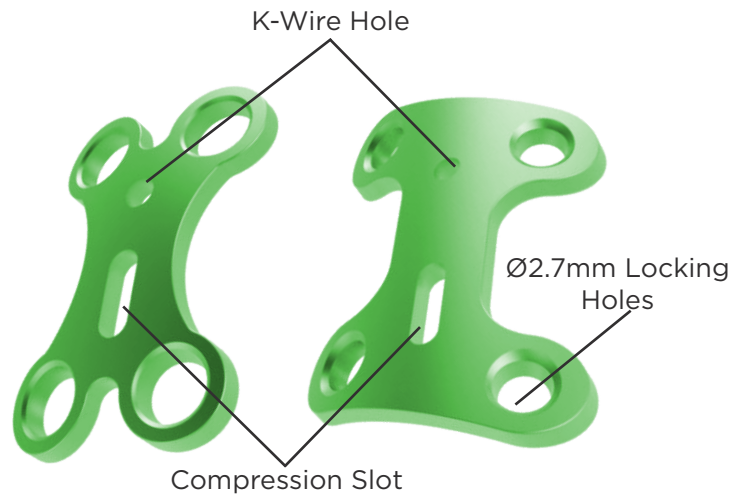
- » Pre-contoured for anatomical fit for Middle foot and Fore/Hindfoot.
- » Low-profile with smooth edging to allow for minimal irritation of soft tissue.
- » Forefoot plate has a parallelogram plate shape for converging screws.

Plate Fixation

- » Converging screws allows for stable fixation between the bone and plate construct.
- » Provides stable fracture fixation while preserving vascular supply to accelerate bone healing.

Clinical Indications

- » Forefoot Universal locking plates designed for forefoot osteotomies and midfoot/forefoot fusion osteotomies (metatarsal and cuneiform/cuboid).
- » Hindfoot Universal locking plates designed for hindfoot osteotomies and midfoot/hindfoot fusion osteotomies (Talus and Navicular).



Wedge Shape and Metatarso phalangeal Locking Plate

Anatomical Fit

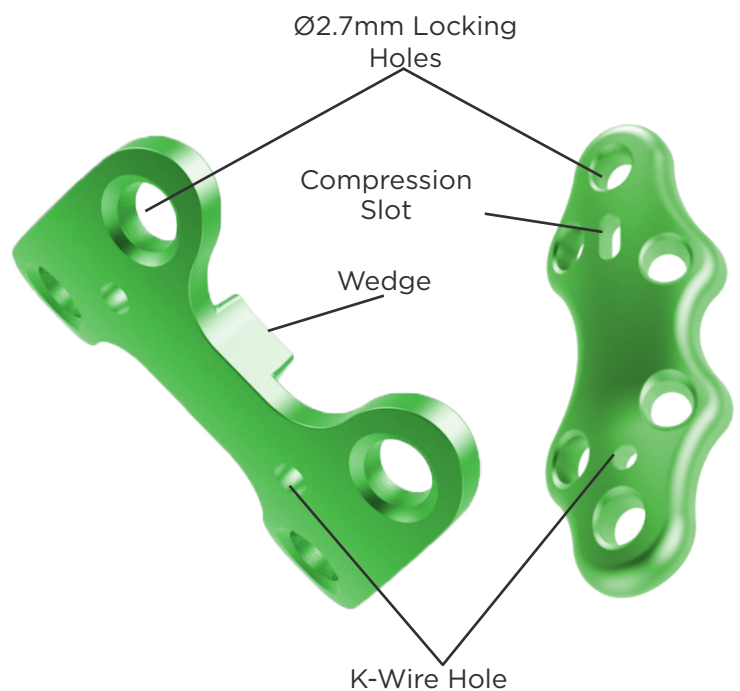
- » Pre-contoured for anatomical fit for 1st metatarsal open osteotomy (wedge).
- » Pre-contoured for anatomical fit for thumb metatarsal and phalange articular fusion as well as for slight valgus or plantar positioning of the 1st metatarsal based on plate positioning (Metatarso phalangeal).
- » Low-profile with smooth edging to allow for minimal irritation of soft tissue.

Plate Fixation

- » Converging Screws that allows for stable fixation between plate and bone complex.
- » Allows for distraction, compression and osteotomies.

Clinical Indications

- » Wedge Shape locking plates designed to address the metatarsal open osteotomy for bunion correction.
- » Provides fixation to the 1st metatarsal as an open wedge osteotomy through an integral spacer.
- » Metatarso phalangeal locking plates designed to address metatarsal and phalangeal extra-articular fractures through articular fusion as well as the dorsomedial orientation of the medial cuneiform and 1st metatarsal.



Straight Locking Plate and Locking Plate (Foot)

Anatomical Fit

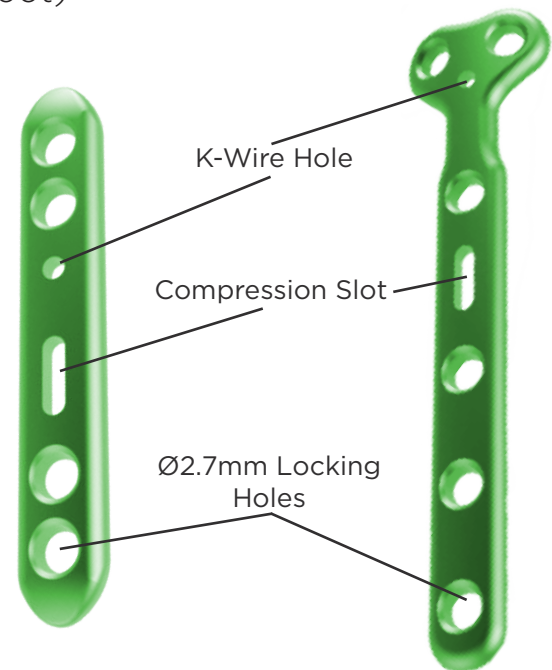
- » Pre-contoured for anatomical fit for Lisfranc joint complex between metatarsals and cuneiforms/cuboid. (metatarsocuneiform joint).
- » Low-profile with smooth edging to allow for minimal irritation to soft tissue.
- » Tapered end assists in submuscular plate insertion and helps to minimise tissue trauma.

Plate Fixation

- » Provides stable fracture fixation while preserving vascular supply to accelerate bone healing.

Clinical Indications

- » Straight and foot locking plates addresses fractures in the midfoot and forefoot at the cuneiform or cuboid and the metatarsals as lisfranc joint intra-articular fixation or fusion.



Calcaneus, Hindfoot Reconstruction, and Trapezoidal Shape Locking Plate

Anatomical Fit

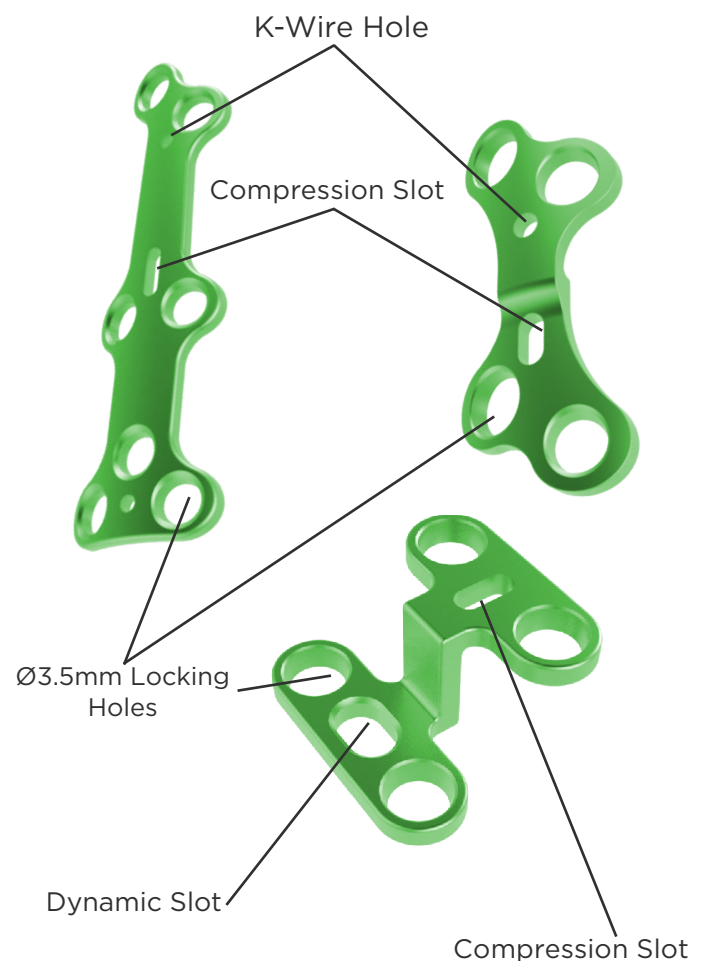
- » Pre-contoured for anatomical fit for 1st metatarsal and cuneiform at the metatarsocuneiform joint (Trapezoidal Shape).
- » Pre-contoured for anatomical fit between 1st metatarsal (hallux) and navicular (Hindfoot Reconstruction).
- » Pre-contoured for anatomical fit for calcaneus osteotomy (Calcaneus).
- » Low-profile with smooth edging to allow for minimal irritation to soft tissue.

Plate Fixation

- » Provides stable fracture fixation while preserving vascular supply to accelerate bone healing.
- » Convergent Screws inserted into the plate improves plate fixation and stability.
- » Dynamic Slot used for temporary fixture and slide osteotomy with cortex screws or K-Wires.

Clinical Indications

- » Calcaneus locking plate designed to address displacement osteotomy of the calcaneus as slide osteotomies and providing management and positioning of the posterior calcaneal fragments medially.
- » Trapezoidal shape locking plate designed to address fixation as fusion between the 1st metatarsal and cuneiform joint to counter ray shortening.
- » Hindfoot reconstruction plate addresses medial column reconstruction for the fusion of the distal end of the navicular bone, cuneiform and the proximal end of the 1st metatarsal.



Implants

Plates

Calcaneus Locking Plate (Trapezoidal)

Product Code	Number of Holes	Height (mm)
4185-00-04006	4	6
4185-00-04008	4	8
4185-00-04010	4	10

Compatible Screw: 3.5mm F&A Locking Screw,
3.5mm F&A Cortex Screw
Compatible K-Wires: 1.6mm K-Wire



Hindfoot Reconstruction Locking Plate

Product Code	Length (mm)
4185-00-15050	50
4185-00-15060	66

Compatible Screw: 3.5mm F&A Locking Screw,
3.5mm F&A Cortex Screw
Compatible K-Wires: 1.6mm K-Wire



Trapezoidal Shape Locking Plate

Product Code	Number of Holes	Height (mm)
4187-00-04001	4	1
4187-00-04002	4	2
4187-00-04003	4	3
4187-00-04004	4	4
4187-00-04005	4	5
4187-00-04006	4	6

Compatible Screw: 3.5mm F&A Locking Screw,
3.5mm F&A Cortex Screw
Compatible K-Wires: 1.6mm K-Wire



Wedge Shape Locking Plate

Product Code	Number of Holes	Width (mm)
4188-00-04003	4	3
4188-00-04004	4	4
4188-00-04005	4	5
4188-00-04006	4	6
4188-00-04007	4	7

Compatible Screw: 2.7mm Locking Screw,
2.7mm F&A Cortex Screw

Compatible K-Wires: 1.6mm K-Wire



Locking Plate (Foot)

Product Code	Number of Holes
4189-00-02000	2
4189-00-04000	4

Compatible Screw: 2.7mm Locking Screw,
2.7mm F&A Cortex Screw

Compatible K-Wires: 1.6mm K-Wire

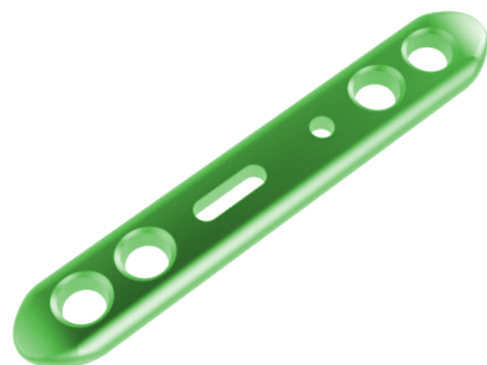


Straight Locking Plate

Product Code	Number of Holes
4190-00-02000	2
4190-00-04000	4

Compatible Screw: 2.7mm Locking Screw,
2.7mm F&A Cortex Screw

Compatible K-Wires: 1.6mm K-Wire



Hindfoot Universal Locking Plate

Product Code	Number of Holes	Length (mm)
4191-00-04024	4	24
4191-00-04028	4	28
4191-00-04033	4	33

Compatible Screw: 2.7mm Locking Screw,
2.7mm F&A Cortex Screw

Compatible K-Wires: 1.6mm K-Wire



Forefoot Universal Locking Plate

Product Code	Number of Holes	Length (mm)
4192-00-04022	4	22
4192-00-04024	4	24
4192-00-04026	4	26
4192-00-04028	4	28

Compatible Screw: 2.7mm Locking Screw,
2.7mm F&A Cortex Screw

Compatible K-Wires: 1.6mm K-Wire



Metatarso phalangeal Locking Plate

Product Code	Length (mm)	Angle	L/R
4193-00-30010L	30	0°10°	L
4193-00-36010L	36	0°10°	L
4193-00-30510L	30	5°10°	L
4193-00-36510L	36	5°10°	L
4193-00-30101L	30	10°10°	L
4193-00-36101L	36	10°10°	L
4193-00-30010R	30	0°10°	R
4193-00-36010R	36	0°10°	R
4193-00-30510R	30	5°10°	R
4193-00-36510R	36	5°10°	R
4193-00-30101R	30	10°10°	R
4193-00-36101R	36	10°10°	R

Compatible Screw: 2.7mm Locking Screw,
2.7mm F&A Cortex Screw

Compatible K-Wires: 1.6mm K-Wire

