



**UNITE**<sup>®</sup>  
FOOT & ANKLE

Indication-Specific Implant Systems  
Intelligently designed implants and instrumentation.

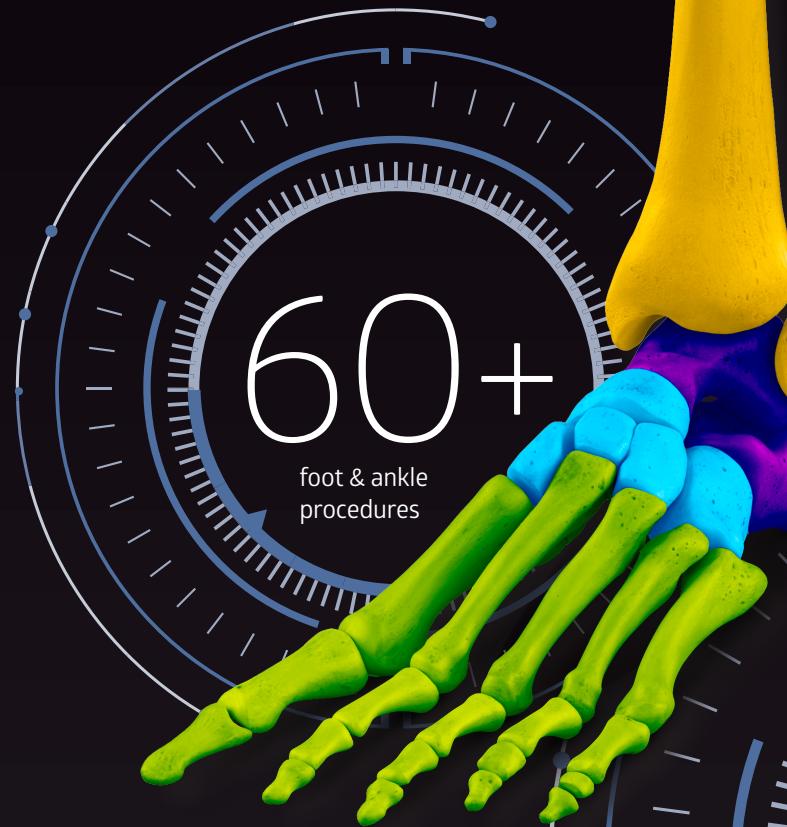
INNOVATION  
IN ACTION



# Precision in practice

Advancing clinical performance through intelligent design, Medline UNITE puts innovation into action—all to meet the complex needs of foot and ankle surgeons, OR staff and patients.

We're perfectionists in the name of precision. Guided by an ongoing collaboration with leading surgeons in the field, we're attentive to every detail in every product—from intuitive implant systems to advanced orthobiologics.



25+  
intelligently designed  
implant systems



50+

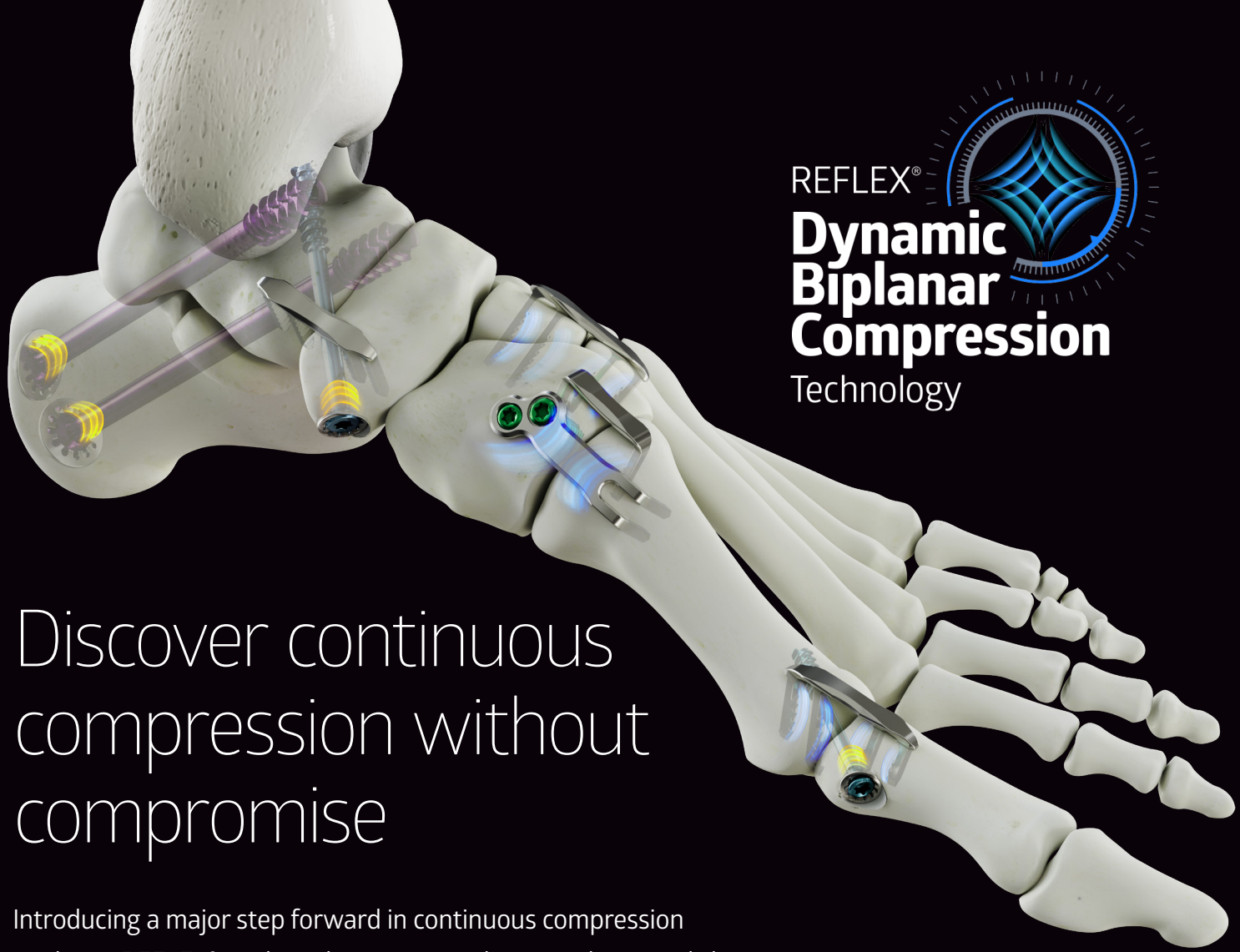
unique screw families

60+

unique plate families

## Product categories

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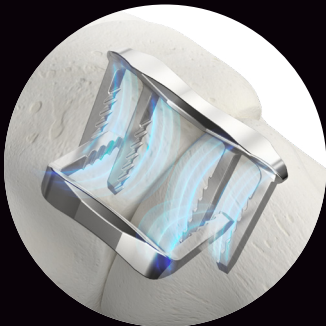
REFLEX®  
**Dynamic  
Biplanar  
Compression**  
Technology

# Discover continuous compression without compromise

Introducing a major step forward in continuous compression implants. REFLEX® implants harness nitinol's superelastic and shape memory properties, leading the way to new and evolving possibilities, including fully dynamic hybrid fixation constructs.

These comprehensive systems deliver dynamic biplanar compression with indication-specific implants for for Lapidus, MTP, TMT, and TN fusions.

TETRA®



HYBRID



MINI/MAX/ULTRA



Dynamic Disc





## Innovative instrumentation

The REFLEX Nitinol Implant System features targeting guides to allow for medial placement of an interdigitating two-leg ULTRA staple or cannulated lag screw with a Dynamic Disc through the TETRA staple's inner legs. The system also includes joint prep instrumentation such as a cup curette, arthrotome, fenestration drill pin, and cup and cone reamers for a comprehensive solution.

REFLEX HYBRID implants are accompanied by an inserter that allows the surgeon to adjust the implant's legs for a streamlined technique.

Akin-stepped sawblade is a 2.5 mm blade to allow for easy, reproducible closing wedge osteotomies of the proximal phalanx.



## REFLEX TETRA

REFLEX TETRA delivers dynamic biplanar compression and fixation for a fully dynamic construct. Indication-specific 4-leg TETRA staples are designed to fit the unique bone structures and anatomies of the MTP (metatarsophalangeal), 1st and lesser TMT (tarsometatarsal), and TN (talonavicular) joints.



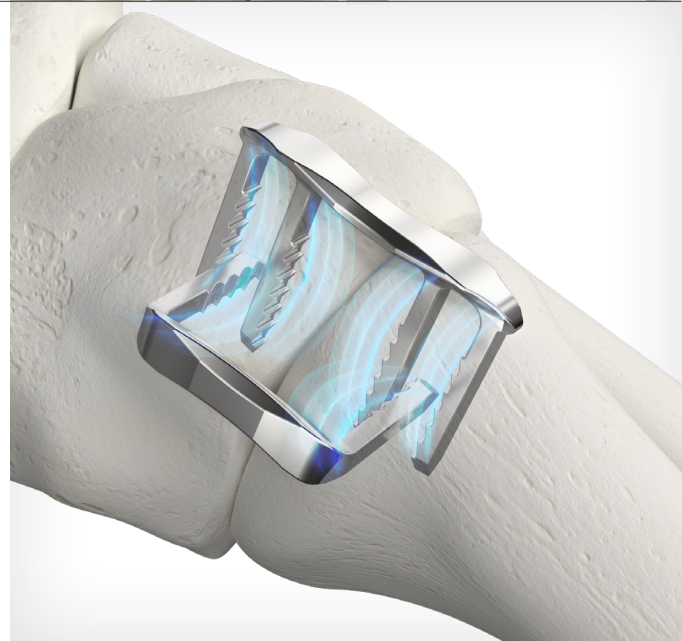
26 mm MTP  
MSTX2600NS

26 mm TMT  
MSTX2601NS

26 mm  
Lapidus/TN  
MSTX2602NS

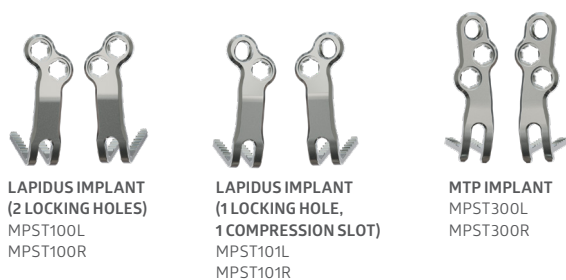
30 mm MTP  
MSTX3000NS

30 mm Lapidus  
MSTX3002NS



## REFLEX HYBRID

REFLEX HYBRID combines the compression of a nitinol staple with the stability of a locking plate. When paired with a cannulated screw with a Dynamic Disc, or a REFLEX nitinol staple, the construct delivers dynamic biplanar compression and fixation for a fully dynamic construct. Indication-specific HYBRID implants are designed to fit the unique bone structures and anatomies of the MTP and 1st TMT joints.



LAPIDUS IMPLANT  
(2 LOCKING HOLES)  
MPST100L  
MPST100R

LAPIDUS IMPLANT  
(1 LOCKING HOLE,  
1 COMPRESSION SLOT)  
MPST101L  
MPST101R

MTP IMPLANT  
MPST300L  
MPST300R



## REFLEX Nitinol Staples

REFLEX Nitinol staples feature an ultra low profile, wide bridge design to enhance stability while helping to minimize soft tissue irritation. The staples are designed with a slightly curved bridge to provide even compression across the osteotomy or fusion site, while the reinforced shoulders help to improve strength in the highest strain area of the implant.

### REFLEX MINI

8 x 8 mm  
MST10808NS

10 x 10 mm  
MST11010NS

12 x 12 mm  
MST11212NS

### REFLEX MAX

15 x 15 mm  
MST41515NS

15 x 18 mm  
MST41518NS

18 x 18 mm  
MST41818NS

18 x 20 mm  
MST41820NS

20 x 20 mm  
MST42020NS

### REFLEX ULTRA

18 x 18 mm  
MST51818NS

20 x 14 mm  
MST52014NS

20 x 16 mm  
MST52016NS

20 x 20 mm  
MST52020NS

23 x 16 mm  
MST2316NS

25 x 20 mm  
MST52520NS



## REFLEX Dynamic Disc

REFLEX Nitinol Dynamic Disc is an innovative implant that transforms a traditional static lag screw into a dynamic construct. REFLEX disc provides continuous compression and gap recovery up to 4.0 mm to address bone resorption occurring during the post-operative healing phase.<sup>1</sup>

Ø4.0 mm  
MSWN0000

Ø4.5 mm  
MSWN1000

Ø5.5 mm  
MSWN2000

Ø7.0 mm  
MSWN3000



SCREW SYSTEMS

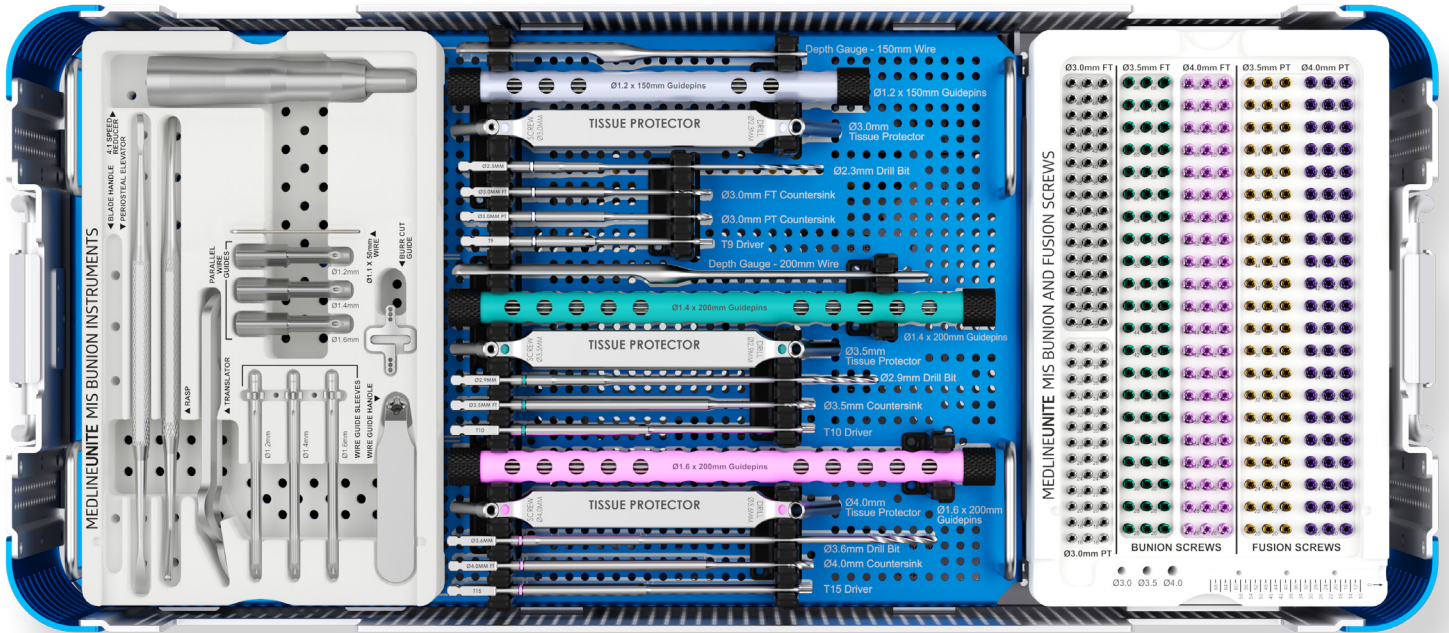
# MIS Foot Recon System

6 Screw options | Bailout and revision plating

Minimally invasive approach for fusion and reconstruction procedures

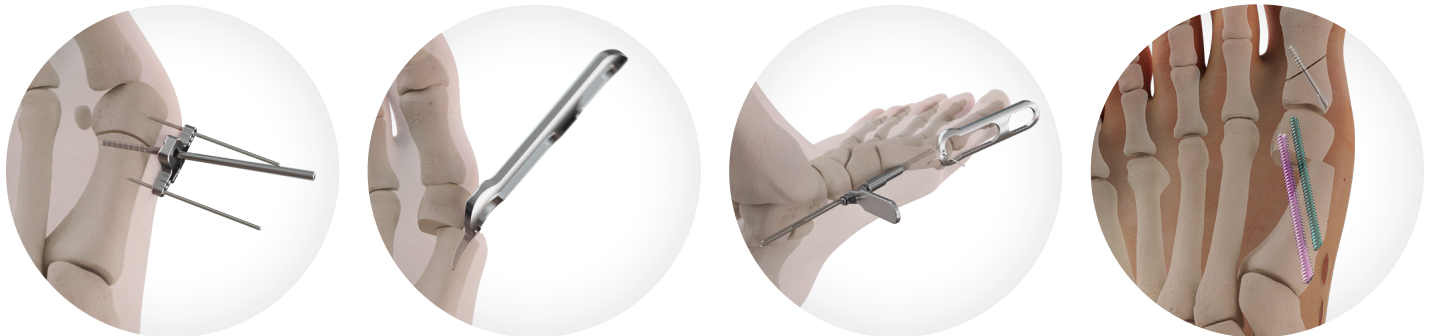
SCREW OPTIONS

• Ø3.0/3.5/4.0 mm fully and partially threaded screws

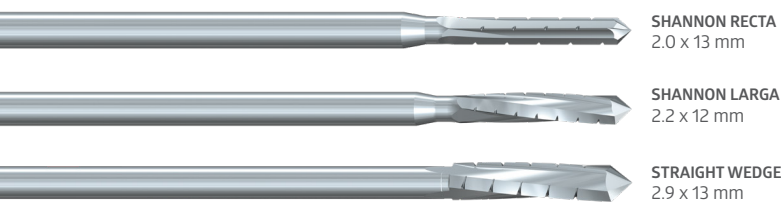


## Innovative instrumentation

A comprehensive system including instrumentation necessary for an MIS bunion procedure. The Burr Cut Guide and Capital Fragment Translator aid in reproducible osteotomies and deformity correction. Parallel Wire Guides provide accurate placement of the distal screw.

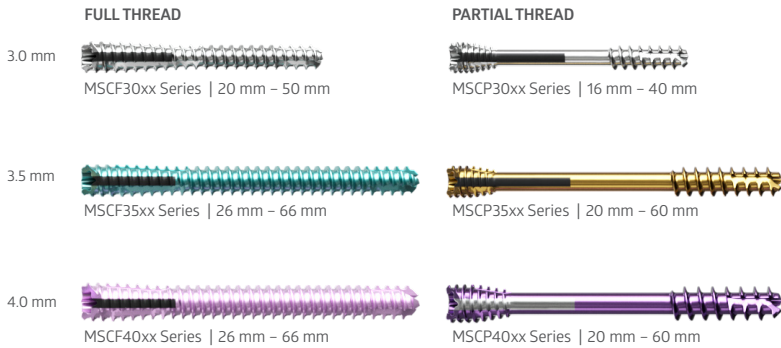


Additional items including MIS burrs and an MIS Power System are available to supplement the procedure (See page 39.)



## MIS Chamfered Screws

MIS Bunion screws are available in Ø3.0 mm, Ø3.5 mm, and Ø4.0 mm options in both full thread and partial thread versions for reconstructive and fusion procedures. The screws feature a beveled head for minimally invasive procedures to minimize soft tissue irritation. The interface between the driver and screw is optimized with a full depth torx, and the tip features a self-drilling and self-tapping design. The color-coded system matches instruments to the appropriate screws for easier and quicker identification.



## MIS Bailout and Revision Plates

The MIS Bailout and Revision Plates address the unique pathology of a patient with a transverse osteotomy that requires a plate or an MTP fusion due to procedural or post-operative MIS bunion complications. The plates are type II anodized for increased strength and are included in the tray for added intraoperative convenience.

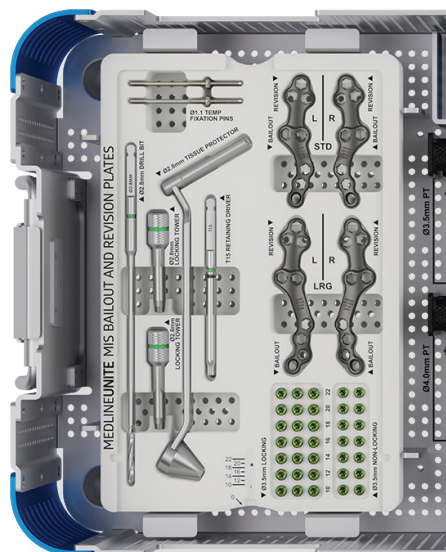
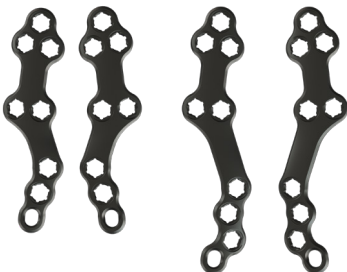
### MIS Bailout Plates

<b>STANDARD</b> MPP1101L MPP1101R	<b>LARGE</b> MPP1102L MPP1102R
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### MIS Revision Plates

<b>STANDARD</b> MPP1111L MPP1111R	<b>LARGE</b> MPP1112L MPP1112R
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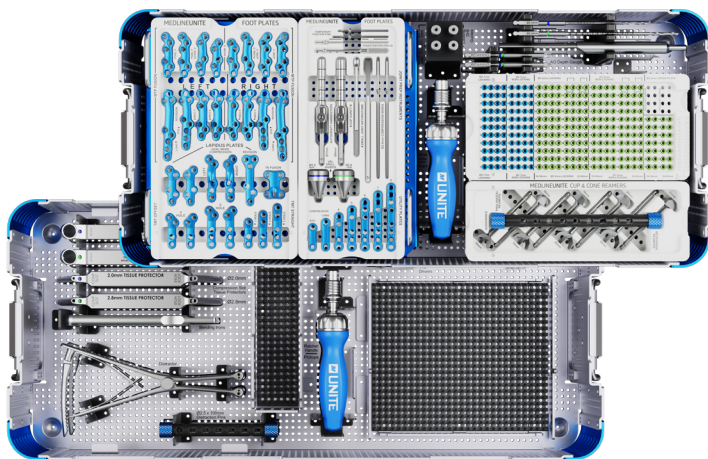




PLATING SYSTEMS

# A portfolio united by design

Continuity in design means consistency in implant technology, instrumentation and tray layout for a predictable surgical experience across all patients and procedures. Medline UNITE offers one of the industry's most comprehensive plating system portfolios with 7 plating systems and nearly 270 plate options.



### Sequenced trays for surgical flow

Instrumentation organized in order of use improves efficiency and consistency. Color-coding helps reduce errors and consolidated trays reduce the time and cost of sterilizing numerous sets and loose instruments.

### Anatomically contoured

Five-axis, CNC-machined titanium plates match curvatures of every bone and joint, for every indication.



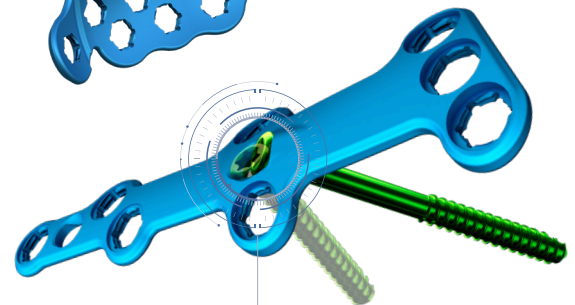
### Multi-diameter polyaxial locking

This feature of all plating systems enables better intraoperative flexibility and patient-customized fixation.



### Minimal profile

Transitional plate profiles and beveled edges strike a perfect balance between soft tissue friendliness and robust fixation.

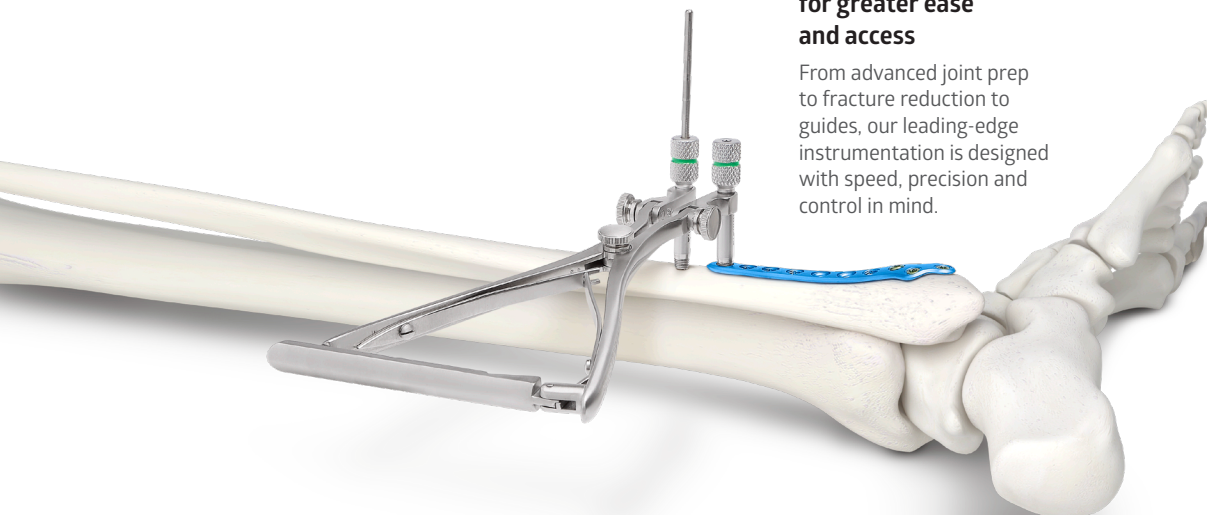


### Dual-mode compression

Our patented technology enables traditional eccentric or interfragmentary compression through the same feature.

### Instruments for greater ease and access

From advanced joint prep to fracture reduction to guides, our leading-edge instrumentation is designed with speed, precision and control in mind.



PLATING SYSTEMS

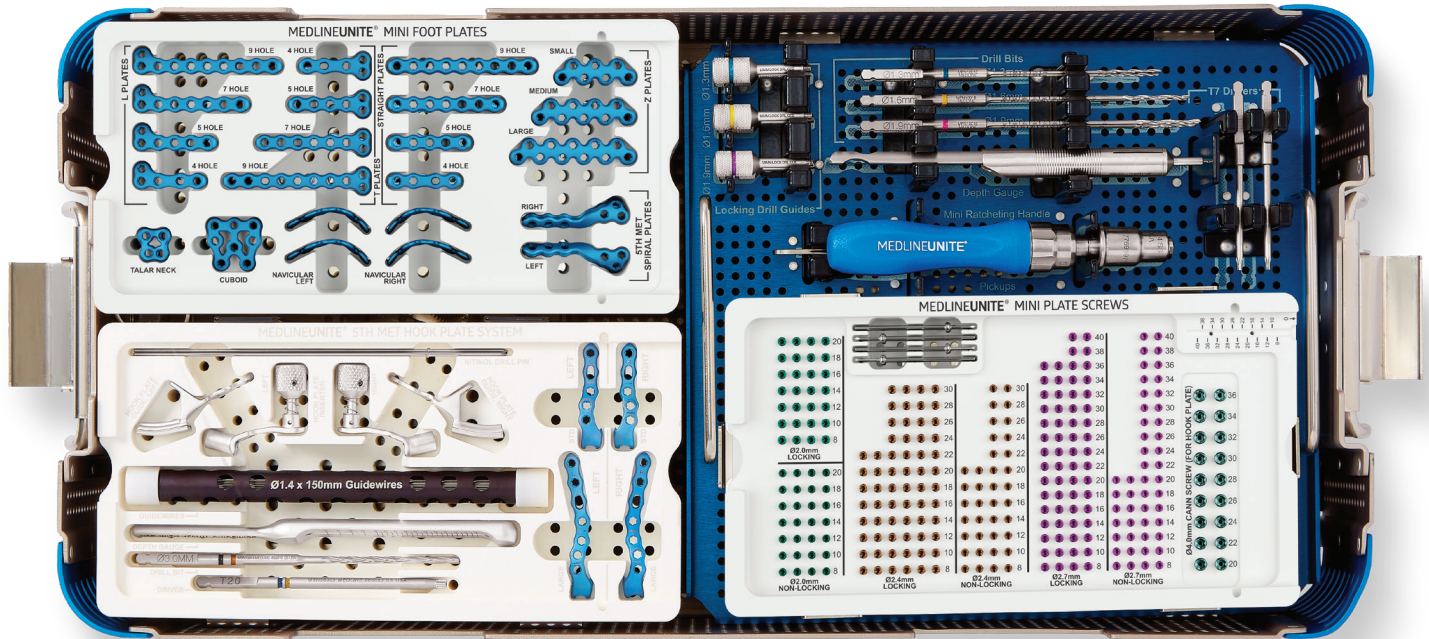
# Mini Foot

9 plate families | 25 unique options

Addresses metatarsal, cuboid, navicular and talar neck fractures

SCREW OPTIONS

⊕ Ø2.0/2.4/2.7 mm Polyaxial Locking and Non-Locking



## Innovative instrumentation

The 5th Metatarsal Hook Plate Guide and Inserter aids proper plate alignment, fracture reduction and final plate fixation.

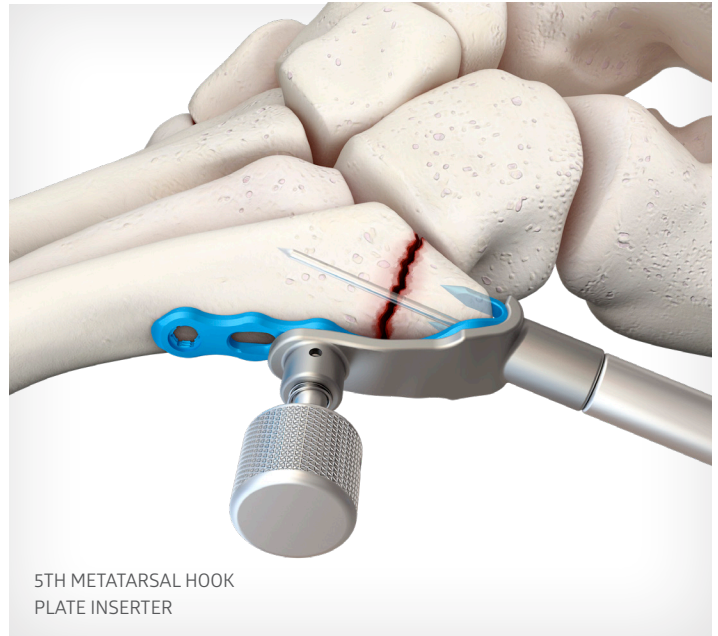
The set also includes mini Hohmanns, periosteal elevator, bone fragment pick and multiple clamp options.



HOOK PLATE GUIDE



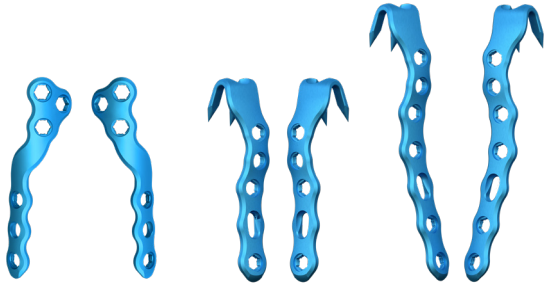
HOOK PLATE INSERTER



5TH METATARSAL HOOK PLATE INSERTER

## 5th Metatarsal and Tarsal Fracture

In addition to tarsal-specific fracture plating options, the system offers two unique, pre-contoured, 5th metatarsal-specific plating families. The hook plate offers a guide and inserter to aid in proper implant alignment and placement. The spiral plate provides fixation in two planes with enhanced fixation distally when compared to traditional straight lateral plating.



**5TH MET SPIRAL**  
MPPM510L  
MPPM510R

**5TH MET HOOK STANDARD**  
MPPM501L  
MPPM501R

**5TH MET HOOK LARGE**  
MPPM502L  
MPPM502R



**TALAR NECK**  
MPPM800U



**CUBOID**  
MPPM600U

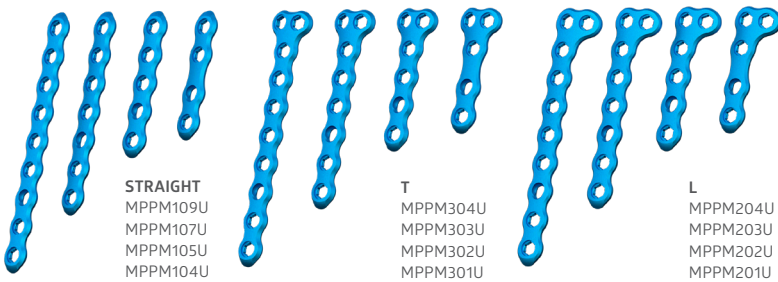


**NAVICULAR**  
MPPM700L  
MPPM700R



## Utility Metatarsal Fracture

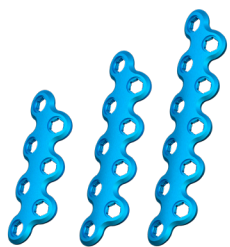
Metatarsal Z plates provide a more robust option for fixation of 1st and 5th metatarsal fractures. The 4-hole Straight, T, and L Metatarsal plates feature a bridge to span fractures or osteotomies and also increase strength.



**STRAIGHT**  
MPPM109U  
MPPM107U  
MPPM105U  
MPPM104U

**T**  
MPPM304U  
MPPM303U  
MPPM302U  
MPPM301U

**L**  
MPPM204U  
MPPM203U  
MPPM202U  
MPPM201U



**Z**  
MPPM400U  
MPPM401U  
MPPM402U



PLATING SYSTEMS

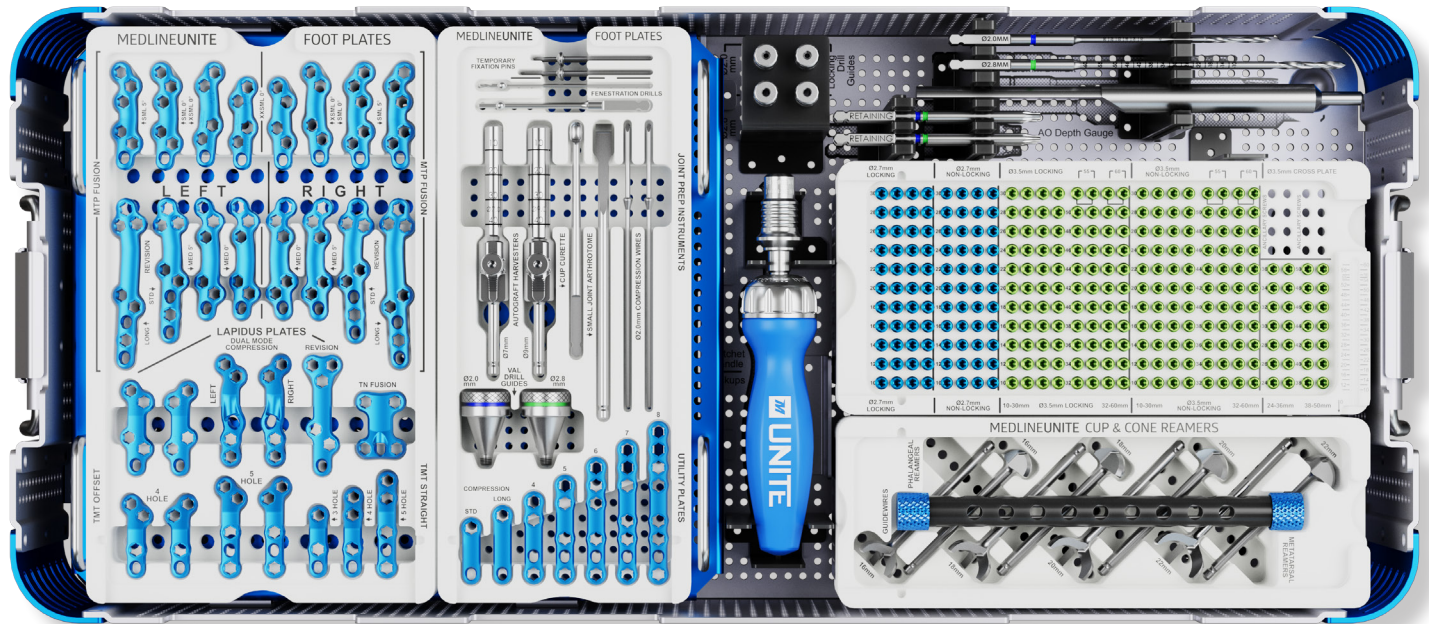
# Core Foot Recon

7 plate families | 37 unique options

Addresses the most common forefoot and midfoot fusion procedures

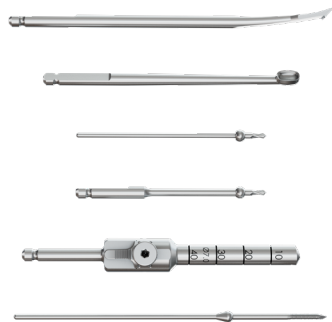
SCREW OPTIONS

Ø2.7/3.5 mm Polyaxial Locking and Non-Locking



## Innovative instrumentation

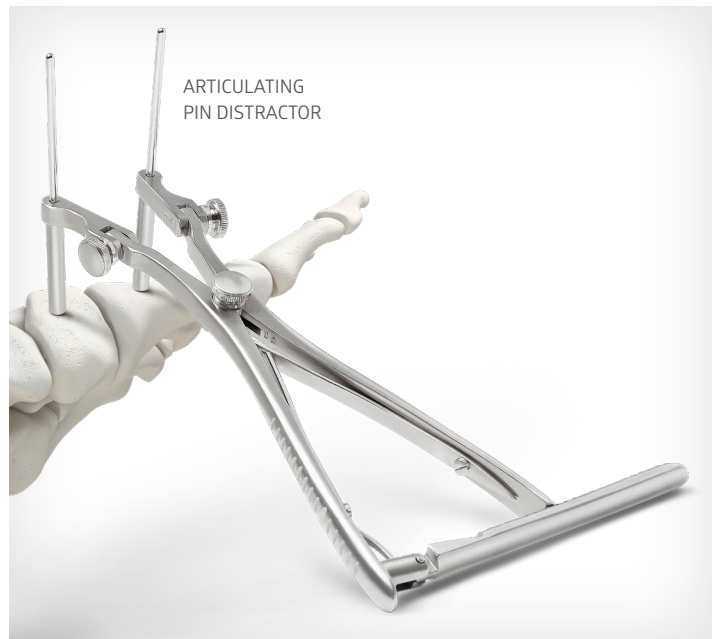
The set comes with a full suite of joint prep and temp fixation instrumentation options, including a pin distractor for unrestricted exposure, small joint arthrotome, curette, fenestration drill pins, cup and cone reamers, and compression pins. It also comes with autograft harvesters to pull autogenous bone for delivery into the fusion site.



JOINT PREP AND TEMP FIXATION INSTRUMENTS



CUP AND CONE REAMERS



ARTICULATING PIN DISTRACTOR

## MTP Fusion

MTP Fusion plates are designed with a narrower, elongated distal cluster reducing prominence over the proximal phalanx and easing soft tissue closure. Plates come in various dorsiflexion angle and length options to support different patient sizes and revision cases.



**XXSMALL, 0°**  
MPP1009L  
MPP1009R

**XSMALL, 0°**  
MPP1000L  
MPP1000R

**SMALL, 0°**  
MPP1001L  
MPP1001R

**SMALL, 5°**  
MPP1002L  
MPP1002R



**MEDIUM, 0°**  
MPP1004L  
MPP1004R



**MEDIUM, 5°**  
MPP1005L  
MPP1005R



**REVISION**  
MPP1007L  
MPP1007R



**REVISION LONG**  
MPP1008L  
MPP1008R



## Dual-Mode Compression | Lapidus and TN Fusion

Lapidus and TN Fusion plate options include our patented dual-mode compression technology, allowing for traditional eccentric or interfragmentary compression through the same feature. The system includes a dedicated guide for drilling at a shallow or steep trajectory, specifically designed for the ø3.5 mm partially threaded solid lag screw.



**LAPIDUS**  
MPP2200L  
MPP2200R

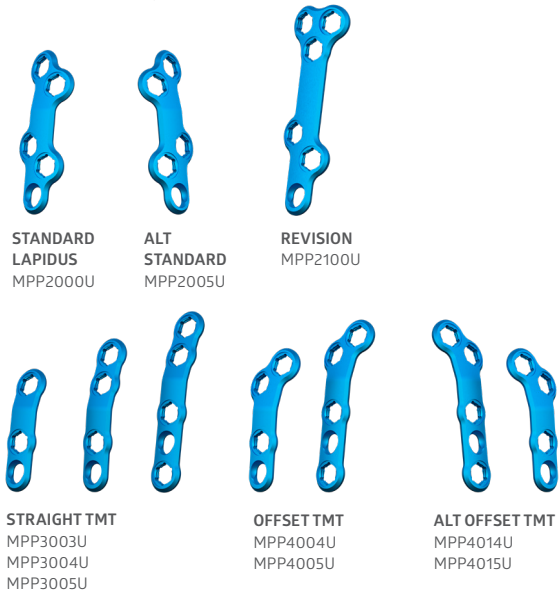


**TN FUSION**  
MPP8101U



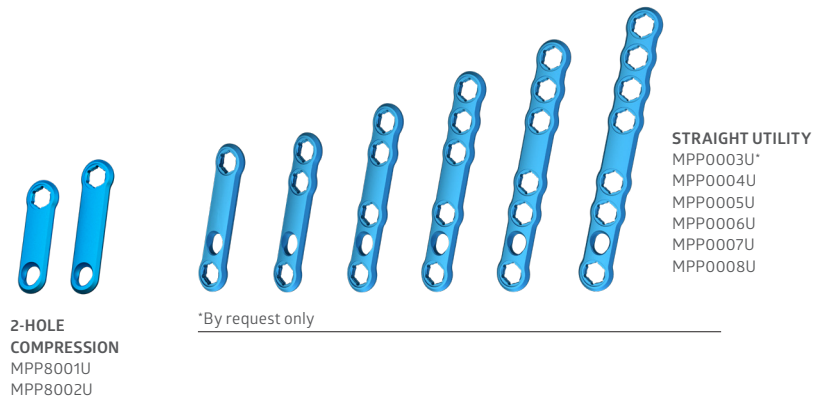
## Lapidus and TMT Fusion

Anatomic plates are pre-contoured with a 15° bend to fit the 1st, 2nd and 3rd TMT joints without the need for bending, and include a ramp feature placed distally over harder diaphyseal bone for enhanced compression.



## Straight Utility

These plates provide an alternative option when anatomically designed plates may not be ideal for a specific patient or procedure. The plates are available in a variety of lengths and accommodate  $\varnothing 2.7$  mm, 3.5 mm, or 4.0 mm polyaxial locking or non-locking screws in any hole for maximum versatility.



PLATING SYSTEMS

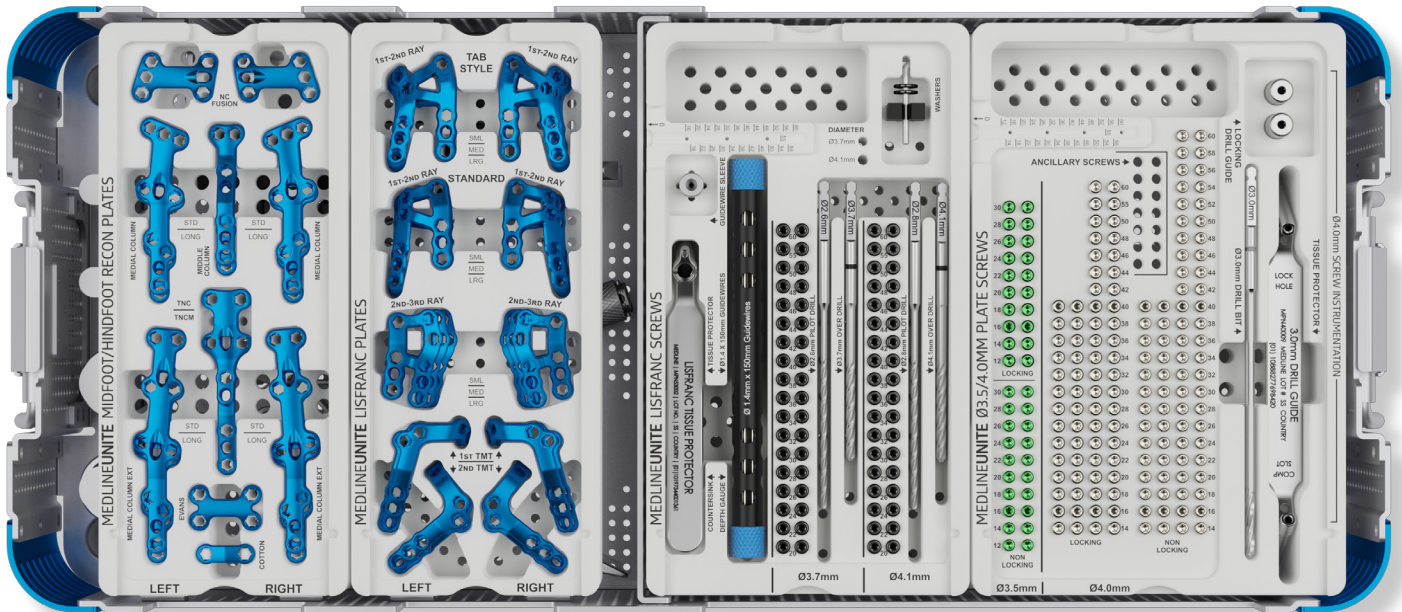
# Ancillary Foot Recon

12 plate families | 34 unique options

Addresses a variety of complex midfoot, hindfoot and flatfoot reconstruction procedures

SCREW OPTIONS

- Ø3.5/4.0 mm Polyaxial Locking and Non-Locking
- Ø3.7/4.1 mm Solid Lisfranc Screws



## Innovative instrumentation

The ratcheting and locking Lisfranc clamp aids in anatomical reduction and functions as a targeting guide, allowing for wire placement, drilling, countersinking, measurement, and screw placement to be performed through a single instrument for increased surgical efficiency and accuracy.

The set also includes a tissue protector for placement of intercuneiform screws, large and small long throw reduction clamps, bone picks, Hohmann retractors, and a periosteal elevator.



## Lisfranc

1st/2nd TMT Lisfranc plates provide multiple points of fixation in the medial cuneiform and 1st and 2nd metatarsals along with a reinforcement strut from the medial cuneiform to the base of the second metatarsal. The tab-style variant features a machined groove on the medial cuneiform and distal 2nd metatarsal, which can be used as a bending zone or to cut the plate depending on patient anatomy. The tab-style plates include a longer, solid bridge section over the 2nd TMT joint to allow for placement of an independent homerun screw targeting the base of the 2nd metatarsal.

2nd/3rd TMT Lisfranc plates provide multiple points of fixation in the lateral cuneiform and 2nd and 3rd metatarsals along with an intermetatarsal reinforcement strut for stabilization. The anatomical contouring over the 3rd TMT section, added points of fixation, and multiple size options ensure a proper fit for a broad range of patients along with the benefit of intercuneiform stability.



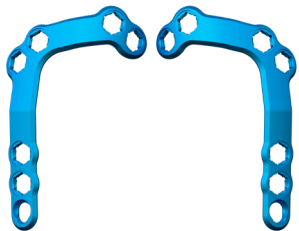
	1ST/2ND TMT STANDARD	1ST/2ND TMT WITH TAB	2ND/3RD TMT
<b>SMALL</b>	MPP9001L MPP9001R	MPP9101L MPP9101R	MPP9201L MPP9201R
<b>STANDARD</b>	MPP9002L MPP9002R	MPP9102L MPP9102R	MPP9202L MPP9202R
<b>LARGE</b>	MPP9003L MPP9003R	MPP9103L MPP9103R	MPP9203L MPP9203R



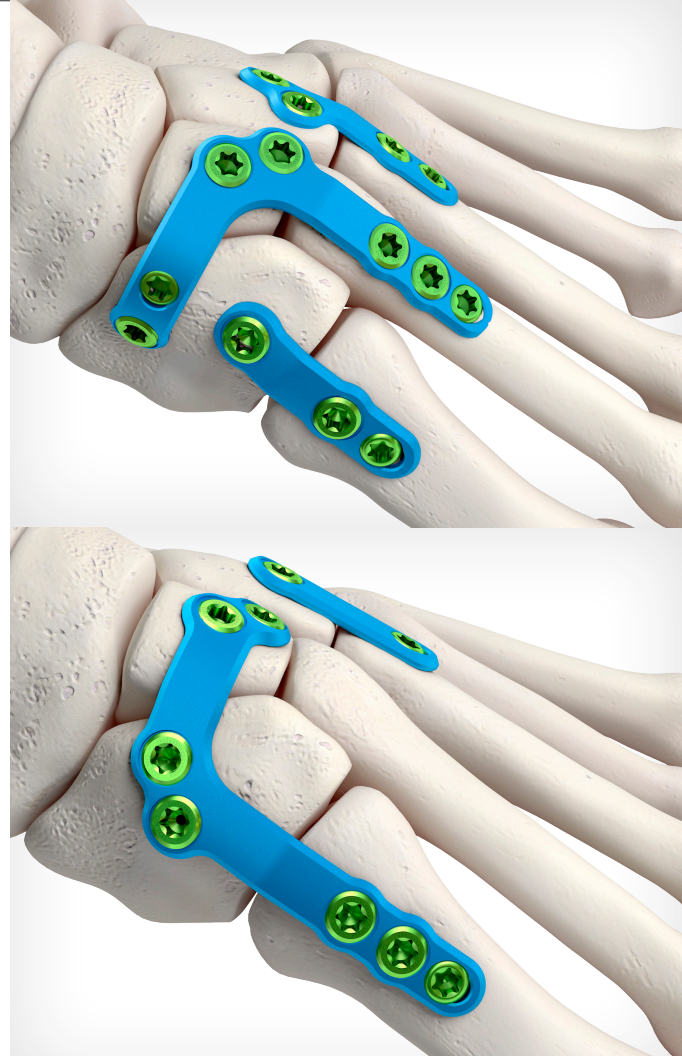
## Lisfranc ICJ Arm

The deconstructed U-style Lisfranc plates address variations in injury pattern and patient anatomy. The non-constraining designs provide the intraoperative flexibility to choose the most appropriate construct for isolated TMT joints.

1ST TMT ICJ BRIDGING ARM  
MPP8400L MPP8400R



2ND TMT ICJ BRIDGING ARM  
MPP8401L MPP8401R



## Dorsal Midfoot Recon

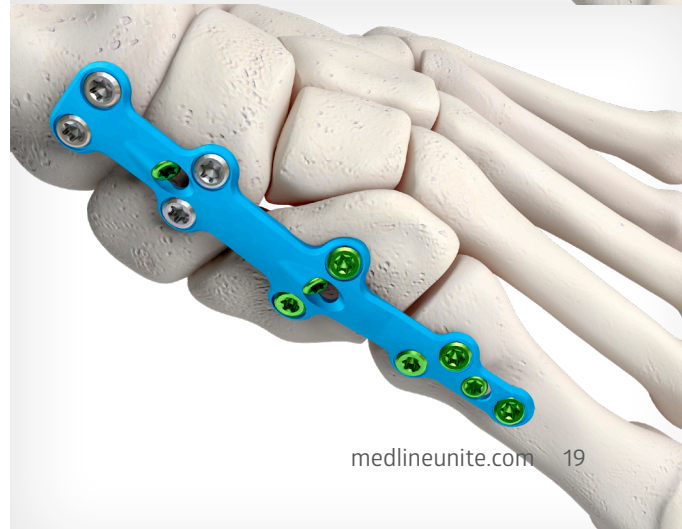
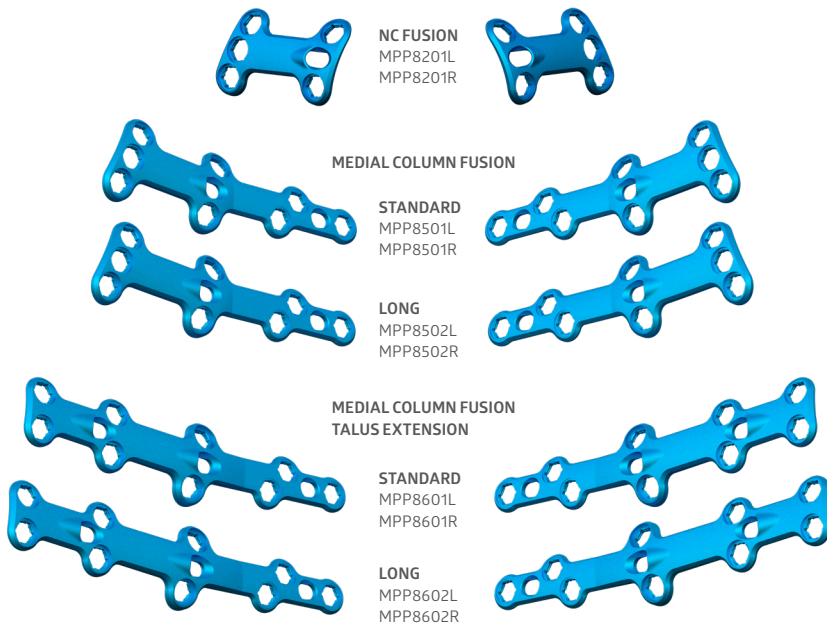
This plate family offers innovative and exclusive implants for complex clinical scenarios involving the dorsum of the foot. Plate options include TNC (Talo-Naviculo-Cuneiform) Extension Revision, TNCM (Talo-Naviculo-Cuneiform-Metatarsal) Extension Revision and Middle Column Fusion (Naviculo-Cuneiform-Metatarsal).

Plates address revision TN fusions, Navicular AVN (Mueller-Weiss Syndrome), degenerative flatfoot cases with midfoot collapse/sag, Lisfranc injuries that extend proximally through the NC/TN joints and other deformities and arthritis patterns. Plates with fixation in the talus include our advanced dual-mode compression technology.



## Medial Column and NC Fusion

These plates feature our advanced dual-mode compression technology, giving surgeons the freedom to select traditional dynamic or cross-plate interfragmentary compression. The plates are up to 2.5 mm thick in certain sections and accommodate up to  $\varnothing 4.0$  mm locking and non-locking screws for patients requiring more robust fixation.



## Flatfoot Recon

MDCO plates feature a compression hole that targets the sustentaculum tali helping firmly compress the calcaneal tuberosity. Evans Wedge plates use barbs to securely anchor onto the proximal cortex. Available flat plates can be used over our pre-hydrated, pre-shaped Evans and Cotton Wedge Bioimplants.

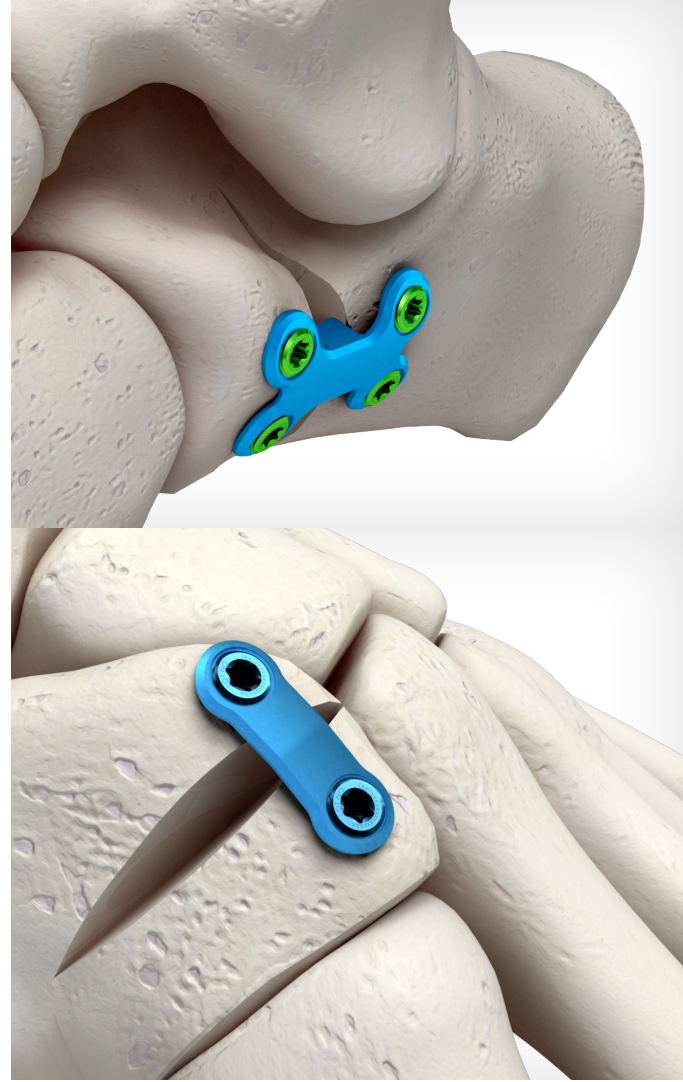
AVAILABLE UPON REQUEST



**COTTON**  
0 mm  
MPP5000U



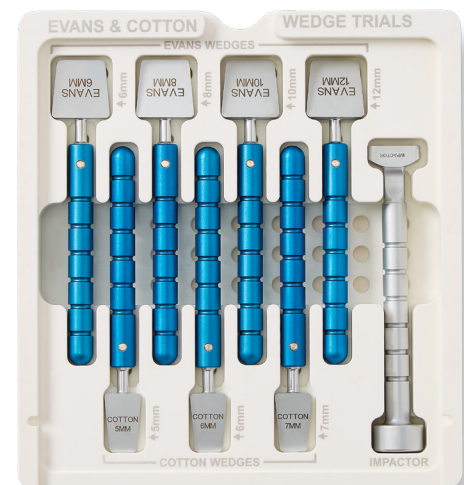
**EVANS**  
0 mm  
MPP6000U



## Kitted for your convenience

### Wedge Trial Tray

Flatfoot Recon Plates can be utilized to further secure implantation of the Pre-Hydrated Wedge Bioimplants (see page 40). An accompanied trial tray is available to facilitate implant selection.



PLATING SYSTEMS

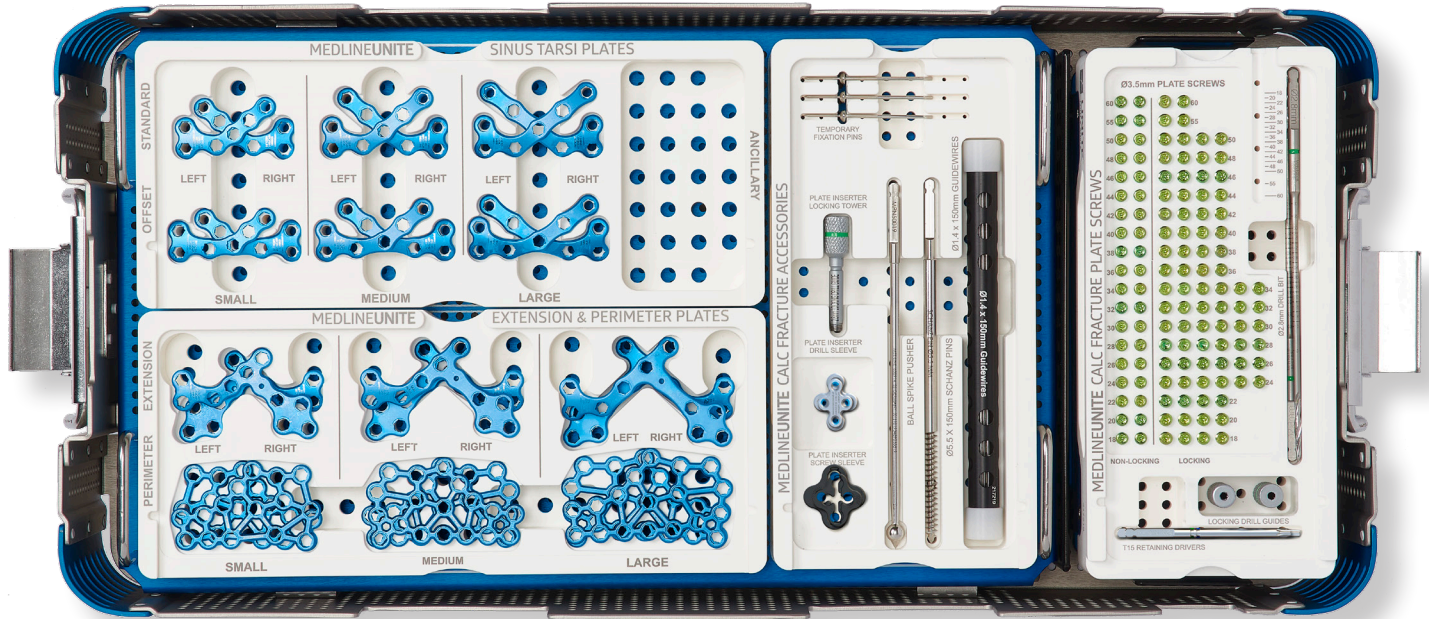
# Calc Fracture

4 plate families | 26 unique options

Addresses all calcaneal fracture patterns and approaches

SCREW OPTIONS

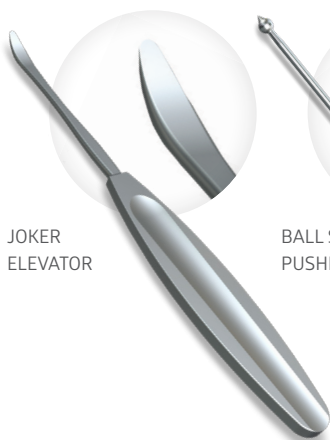
Ø3.5 mm Polyaxial Locking and Non-Locking



## Innovative instrumentation

The Sinus Tarsi Extension Plate Inserter enables easy plate insertion and positioning through a sinus tarsi incision for percutaneous screw placement in the tuberosity.

The set also offers extensive reduction instruments including a joker elevator, a ball spike pusher, Schanz pins and multiple clamp options.



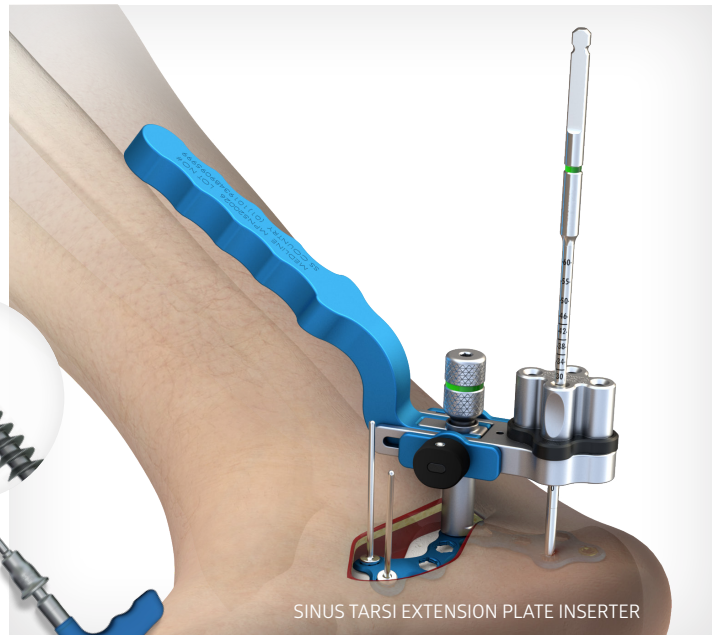
JOKER ELEVATOR



BALL SPIKE PUSHER



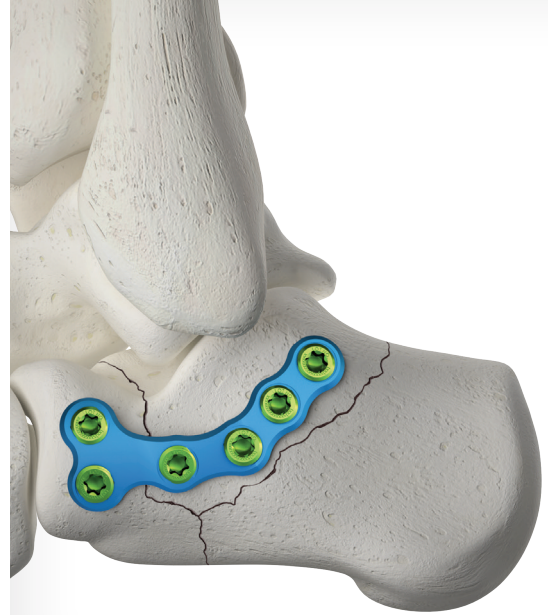
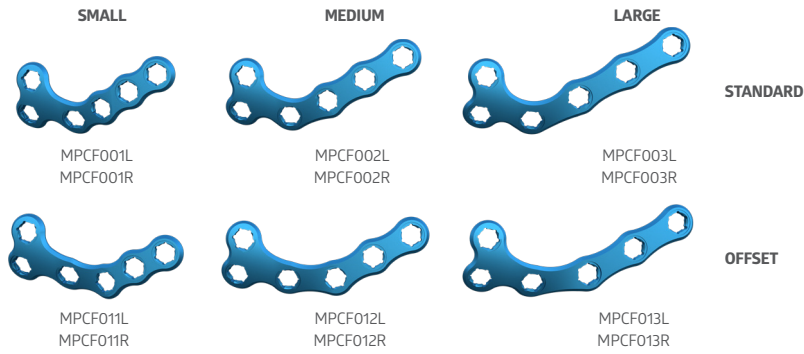
SHANZ PIN WITH T HANDLE



SINUS TARSIS EXTENSION PLATE INSERTER

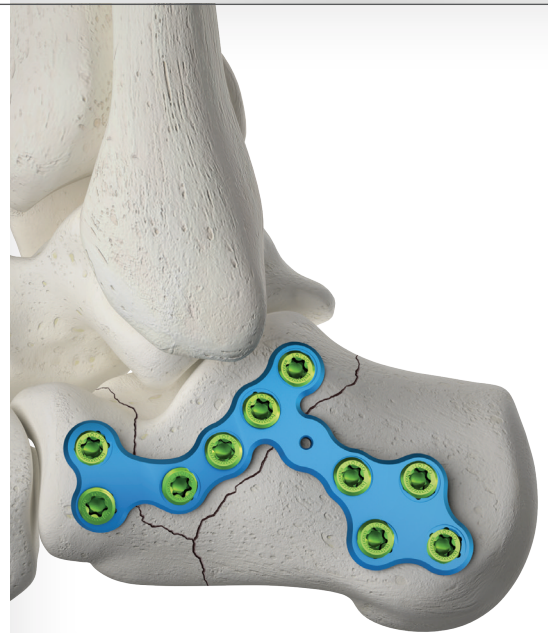
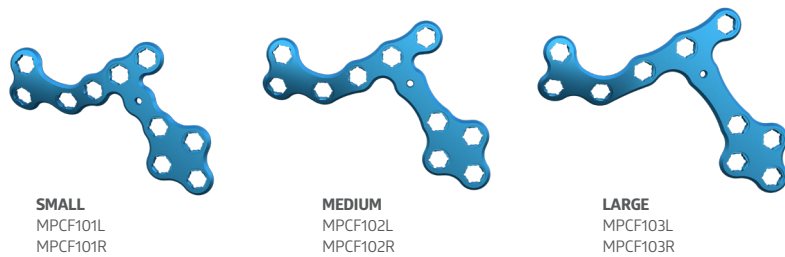
## Sinus Tarsi

These plates address all fracture patterns including those with heavy comminution through a minimally invasive sinus tarsi approach. Available in standard and offset configurations to accommodate variable patient anatomy.



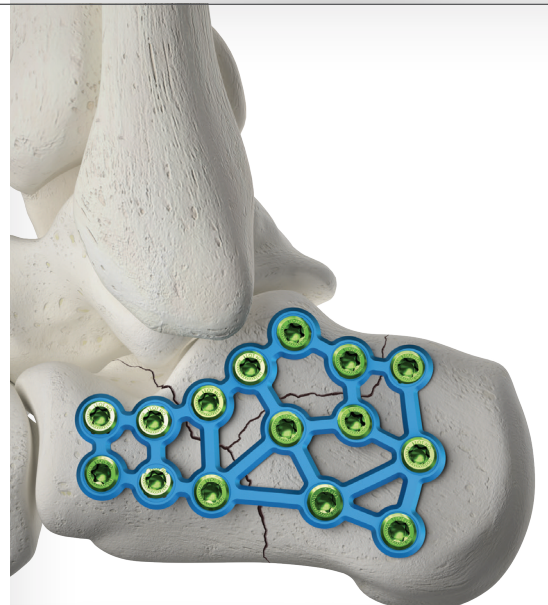
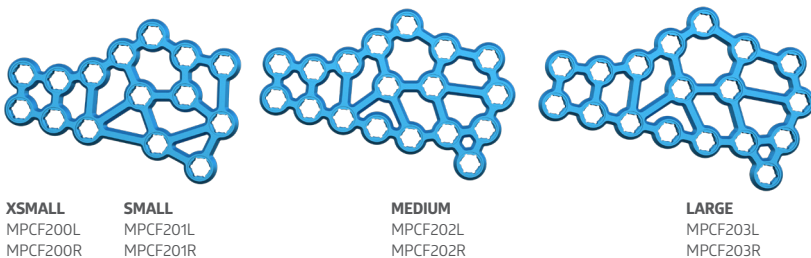
## Sinus Tarsi Extension

These plates address fracture patterns with significant collapse and involvement of the posterior tuberosity with the aid of a dedicated plate inserter. The inserter features an adjustable arm for use with all plate sizes, along with drill and screw sleeve inserts, allowing for percutaneous locking screw fixation of the posterior plate hole cluster.



## Perimeter

Made from CP4 commercially pure titanium, these plates are more malleable than sinus tarsi plates for greater contouring ease. They provide complete coverage of the lateral calcaneal wall through an extensile lateral approach.



PLATING SYSTEMS

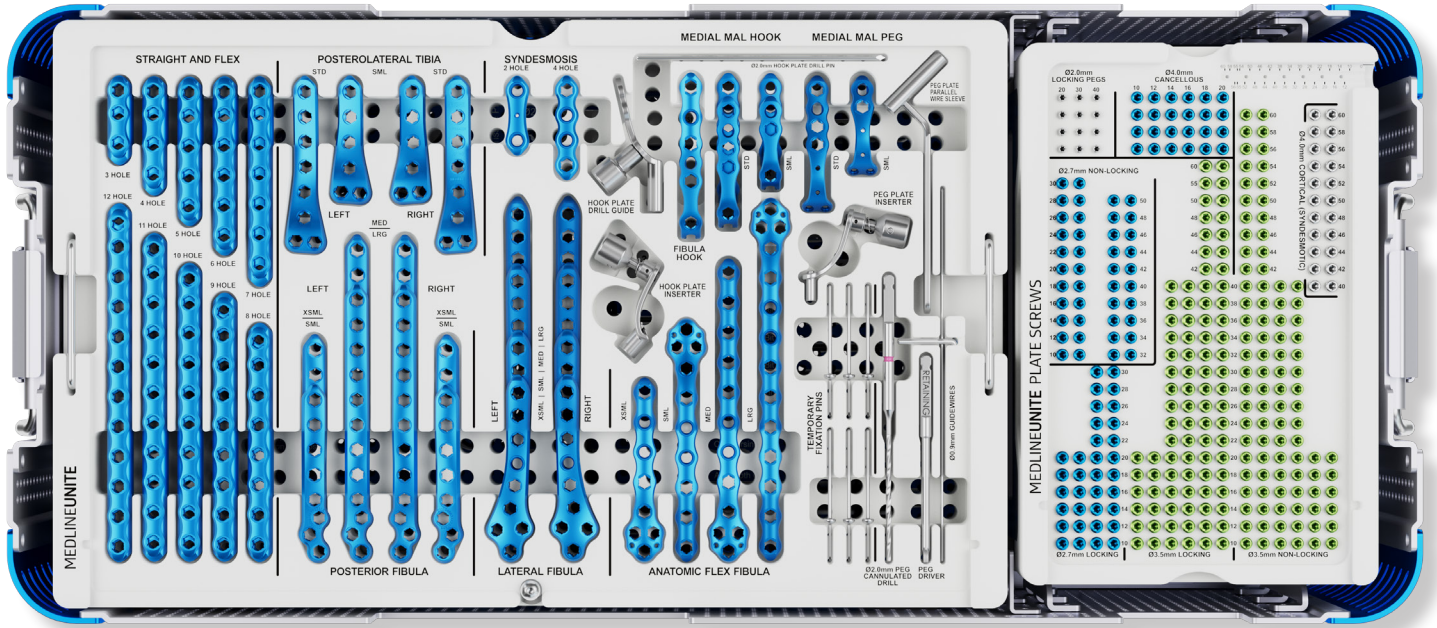
# Ankle Fracture

10 plate families | 51 unique options

Addresses all ankle fracture patterns and approaches

SCREW OPTIONS

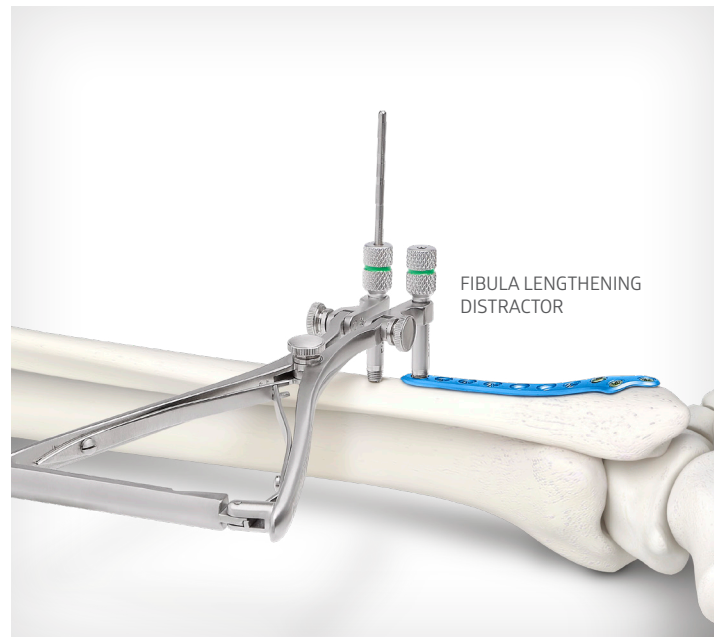
- $\varnothing 2.7/3.5$  mm Polyaxial Locking and Non-Locking
- $\varnothing 2.0$  mm Locking Pegs,  $\varnothing 4.0$  mm Cancellous,
- $\varnothing 4.0$  mm Cortical Syndesmotic



## Innovative instrumentation

The Fibula Lengthening Distractor locks into place for easier and more controlled anatomic reduction with a modified “push-pull” technique.

Extensive reduction instruments include a bone fragment pick, periosteal elevator and five types of clamps.

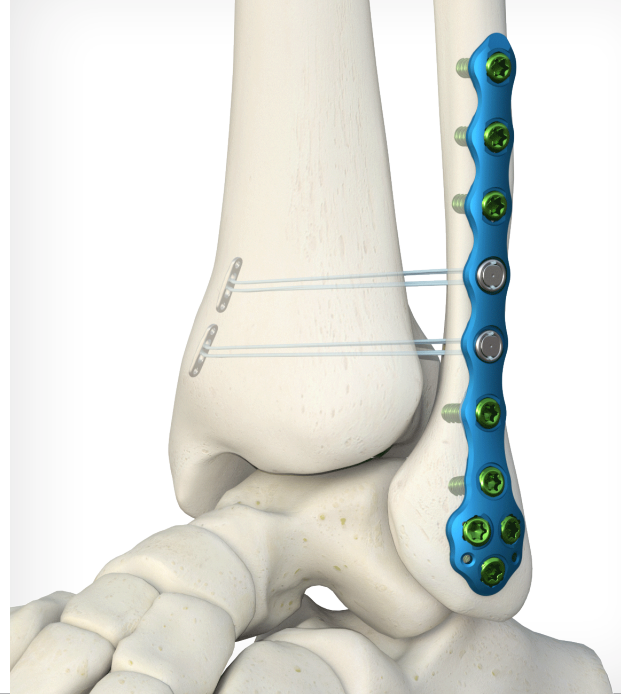
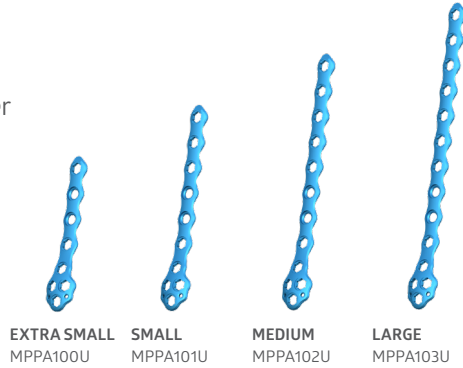


## Lateral Fibula

All lateral fibula plate families feature specially designed syndesmotomic slots accommodating suture button fixation devices, as well as Ø3.5 mm or Ø4.0 mm syndesmotomic screws up to 60 mm in 2 mm increments.

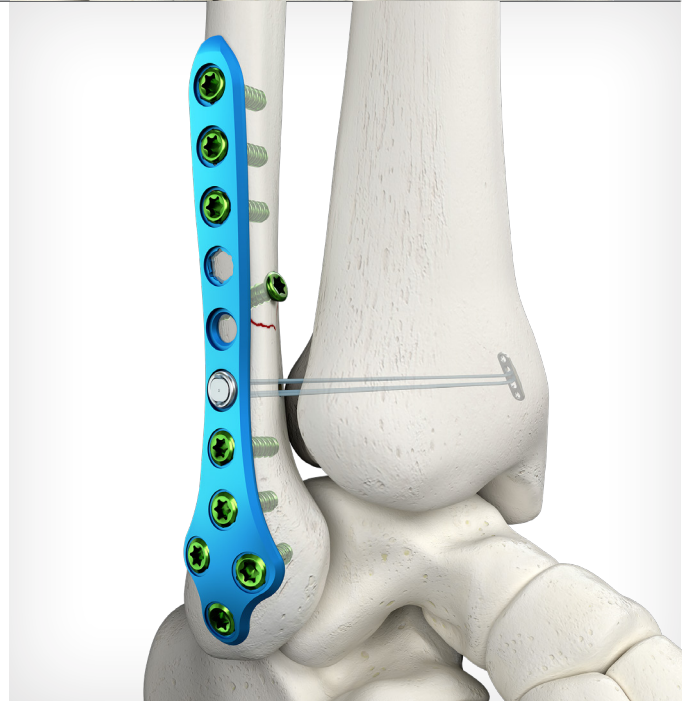
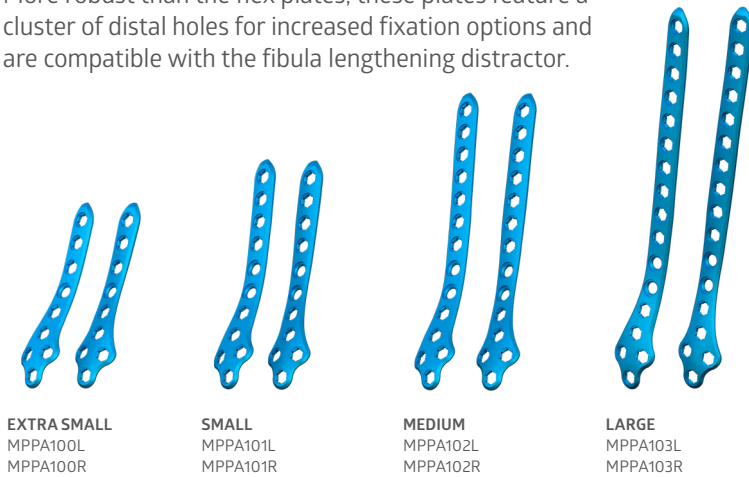
### Anatomic Flex

These universal plates feature a compact distal anatomic cluster of holes and incorporate our low profile, scalloped flex design for more malleability and in-situ contouring. These plates are compatible with the fibula lengthening distractor.



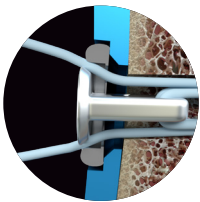
### Standard

More robust than the flex plates, these plates feature a cluster of distal holes for increased fixation options and are compatible with the fibula lengthening distractor.

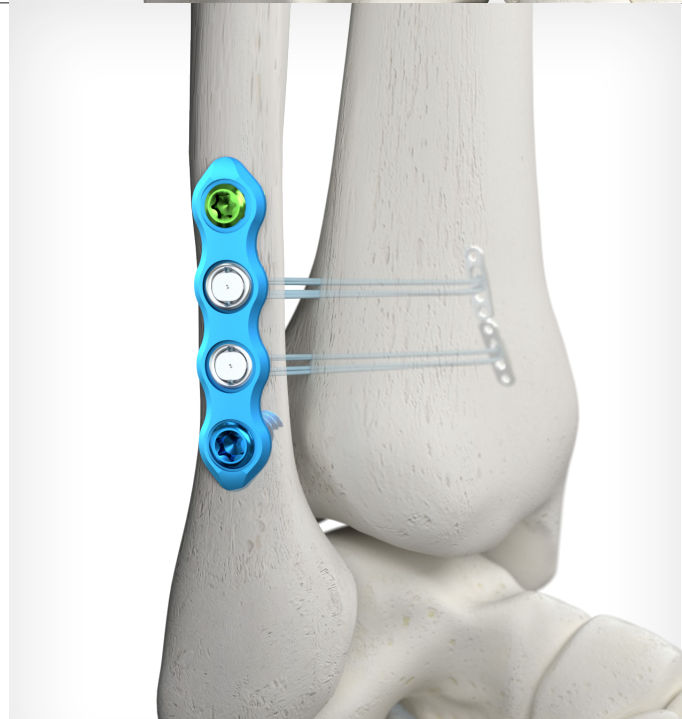


### Syndesmosis Buttress

These plates are thinner and narrower than our traditional straight plates and more similar to the flex fibula plate design.

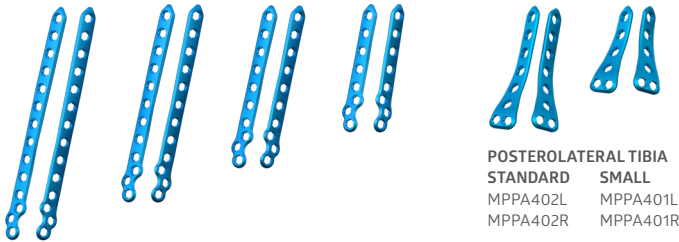


Compatible  
with SYNDEX<sup>®2</sup>  
WITH  
CONSTRUCTOR<sup>®</sup>  
TECHNOLOGY



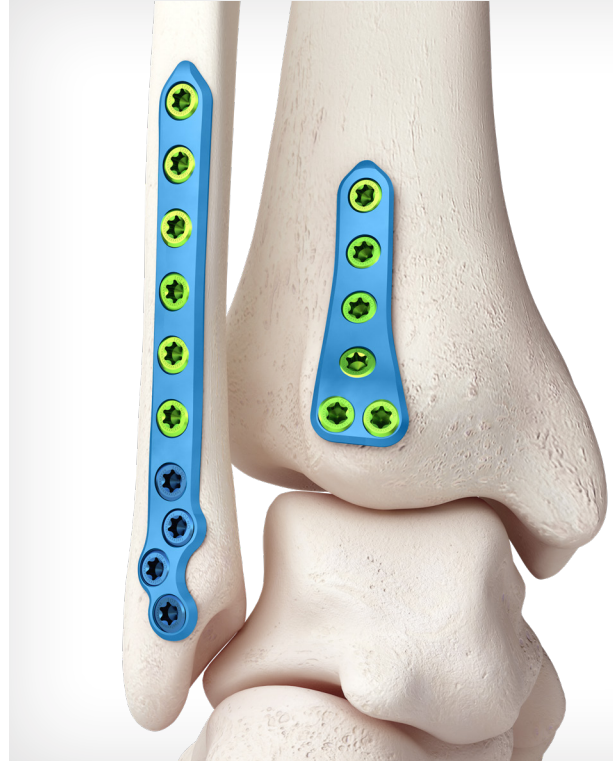
## Anatomic Posterior Tibia | Fibula

Optimized for treatment of tri-malleolar ankle fractures and the posterior approach, these plates offer superior distal fixation and fit compared to conventional one-third tubular plates. The Posterolateral Tibia plates feature a built-in anterosuperior screw trajectory to avoid impinging the tibiotalar joint space.



**POSTERIOR FIBULA**  
**LARGE** MPPA203L MPPA203R  
**MEDIUM** MPPA202L MPPA202R  
**SMALL** MPPA201L MPPA201R  
**EXTRA SMALL** MPPA200L MPPA200R

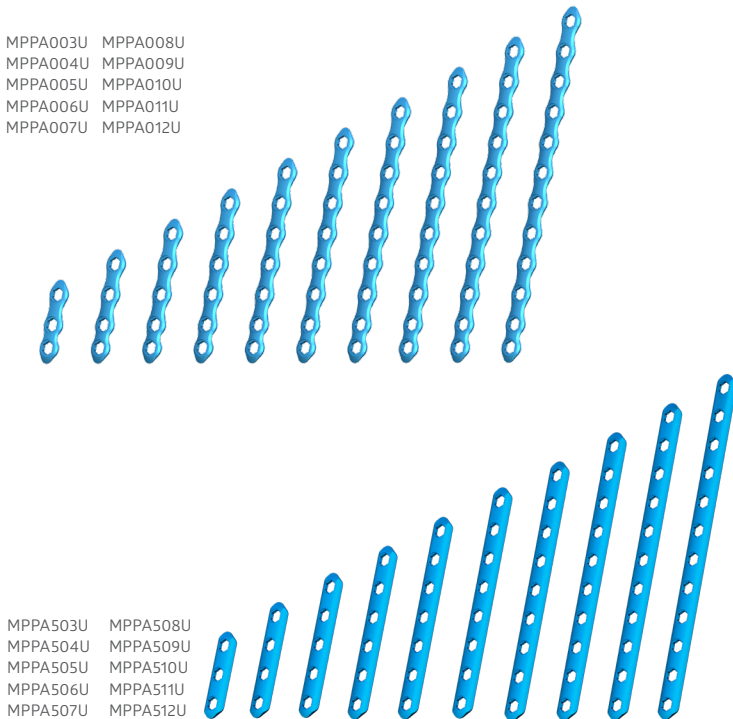
**POSTEROLATERAL TIBIA**  
**STANDARD** MPPA402L MPPA402R  
**SMALL** MPPA401L MPPA401R



## Flex and Straight Fibula

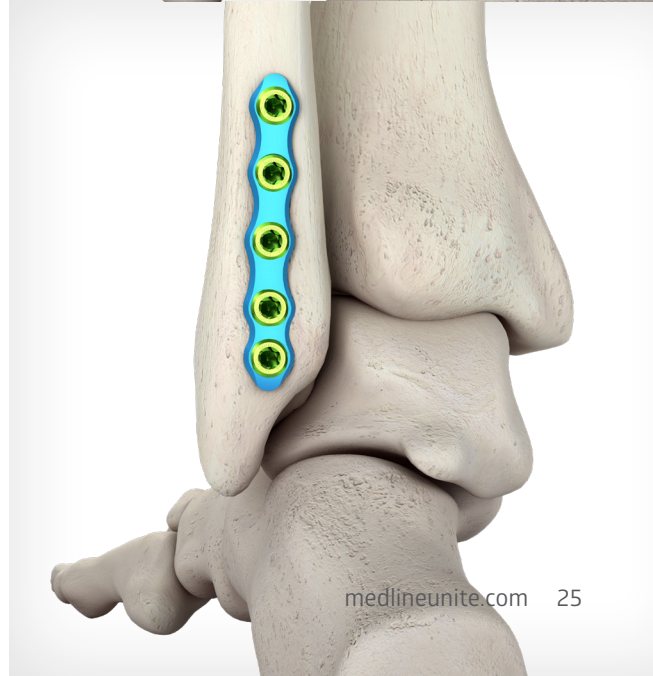
Flex Fibula plates feature a low-profile, scalloped, malleable design with a closely spaced two-hole in-line distal cluster—a hybrid solution when anatomical and conventional one-third tubular plates are not suitable for a patient's anatomy or fracture pattern.

The Straight plates are more rigid than Flex plates, but stronger and more malleable than stainless steel one-third tubular plates.



MPPA003U MPPA008U  
MPPA004U MPPA009U  
MPPA005U MPPA010U  
MPPA006U MPPA011U  
MPPA007U MPPA012U

MPPA503U MPPA508U  
MPPA504U MPPA509U  
MPPA505U MPPA510U  
MPPA506U MPPA511U  
MPPA507U MPPA512U



## Hook and Peg Plates

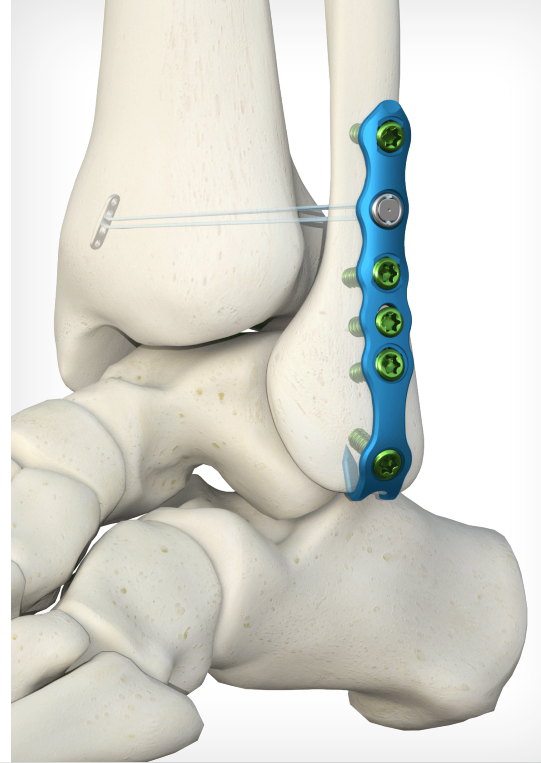
All hook and peg plates feature fully cannulated instrumentation, including the guides and plate inserters, for maximum intraoperative ease and accuracy. Their low-profile, anatomic design allows for flush placement and minimizes risk of soft tissue irritation.

### Fibula Hook

This plate serves as an alternative option for capturing distal avulsion fragments, and features a syndesmotomic hole for optional fixation with SYNDEX® or syndesmotomic screws.



MPPA331U

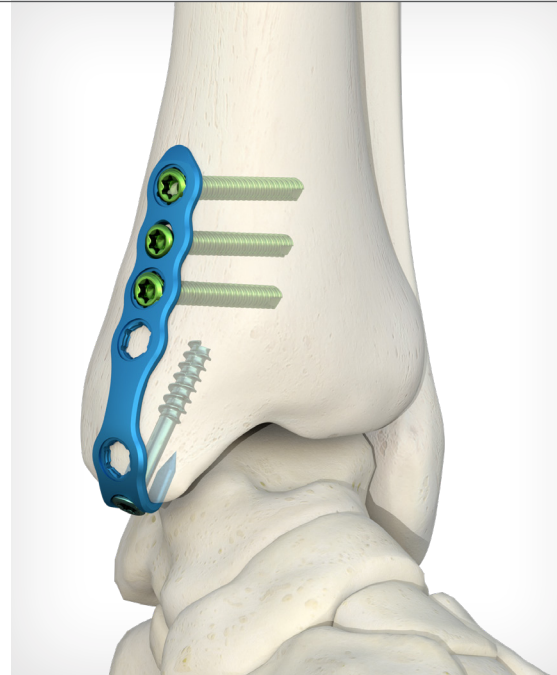


### Medial Malleolar Hook

The hook plate is an alternative option for larger avulsion fragments where plate fixation is desired, and can be used with or without a Ø4.0 mm headed cannulated screw. The system also includes a hook plate guide and impactor.



SMALL MPPA321U    STANDARD MPPA322U

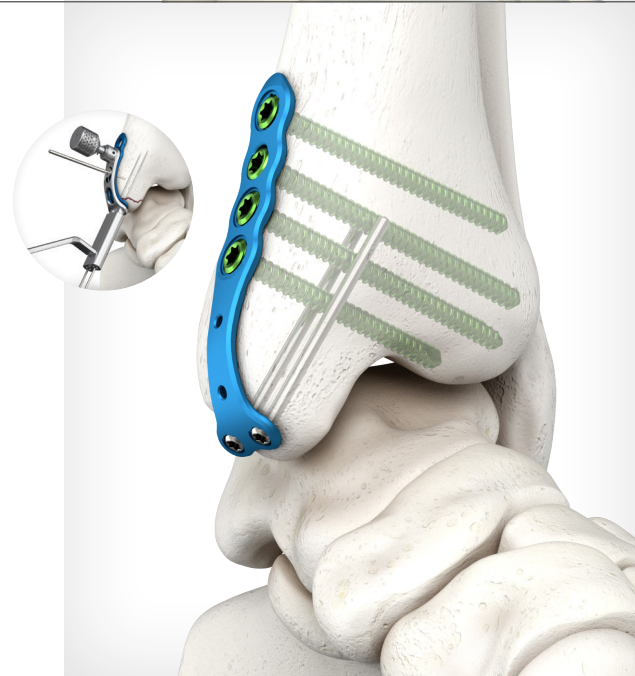


### Medial Malleolar Peg

These plates address avulsion fragments that require fixation, but are too small for Ø4.0 mm screws. The peg plates utilize parallel Ø2.0 mm locking pegs distally. The plate inserter features a built-in drill guide allowing for cannulated or solid technique.



STANDARD MPPA311U    SMALL MPPA310U



PLATING SYSTEMS

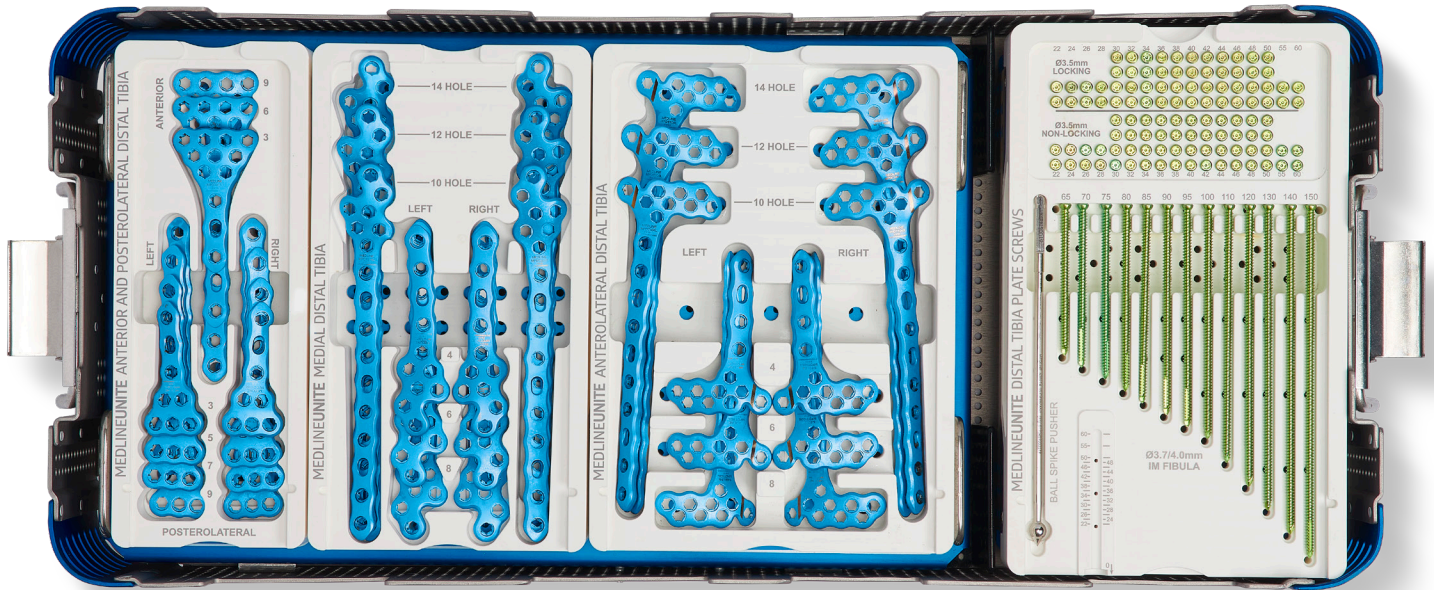
# Distal Tibia

4 plate families | 43 unique options

Addresses high energy distal tibia (Pilon) fractures and complex trimalleolar ankle fractures

SCREW OPTIONS

Ø3.5 mm Polyaxial Locking and Non-Locking



## Innovative instrumentation

The Distal Tibia Plate Inserter features built-in locking drill guides allowing for MIPO technique when Pilon fractures extend more proximally.

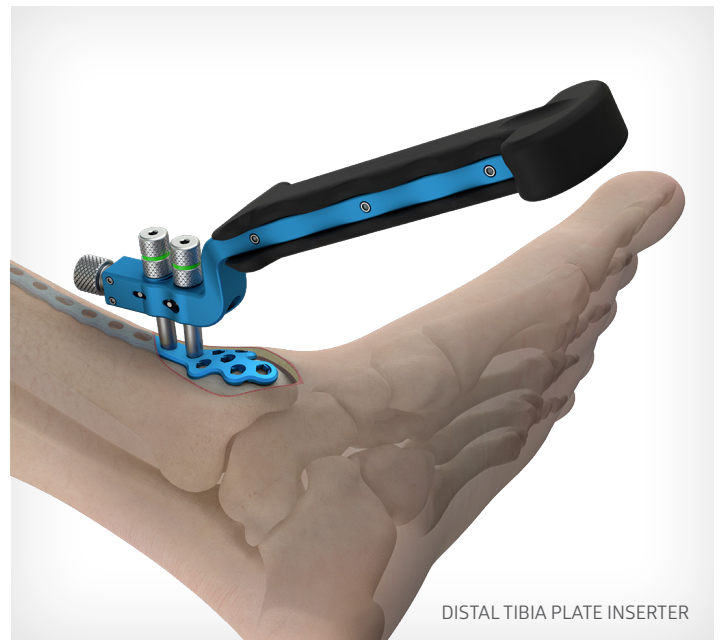
The set also offers extensive reduction instruments including a banana elevator, ball spike pusher and large wheel clamp.



BANANA ELEVATOR



LARGE WHEEL CLAMP



DISTAL TIBIA PLATE INSERTER

## Anterolateral Distal Tibia

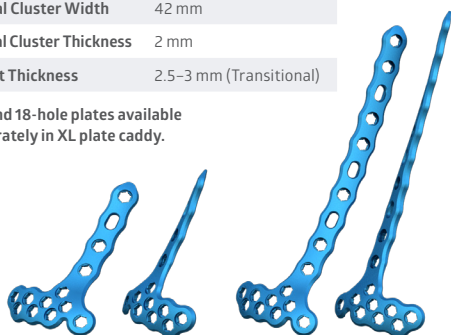
This plate family features a lateral tab with a machined relief on the plate underside allowing bending and contouring to capture the Chaput fragment. The plate's transitional profile, robust proximal shaft and lower profile distal design minimizes hardware prominence in an area with minimal soft tissue coverage.

<b>4-HOLE (72 mm)</b> MPDT101L MPDT101R	<b>10-HOLE (144 mm)</b> MPDT104L MPDT104R	<b>16-HOLE (216 mm)*</b> MPDT107L MPDT107R
<b>6-HOLE (96 mm)</b> MPDT102L MPDT102R	<b>12-HOLE (168 mm)</b> MPDT105L MPDT105R	<b>18-HOLE (240 mm)*</b> MPDT108L MPDT108R
<b>8-HOLE (120 mm)</b> MPDT103L MPDT103R	<b>14-HOLE (192 mm)</b> MPDT106L MPDT106R	

### Specifications

Distal Cluster Width	42 mm
Distal Cluster Thickness	2 mm
Shaft Thickness	2.5-3 mm (Transitional)

\*16- and 18-hole plates available separately in XL plate caddy.



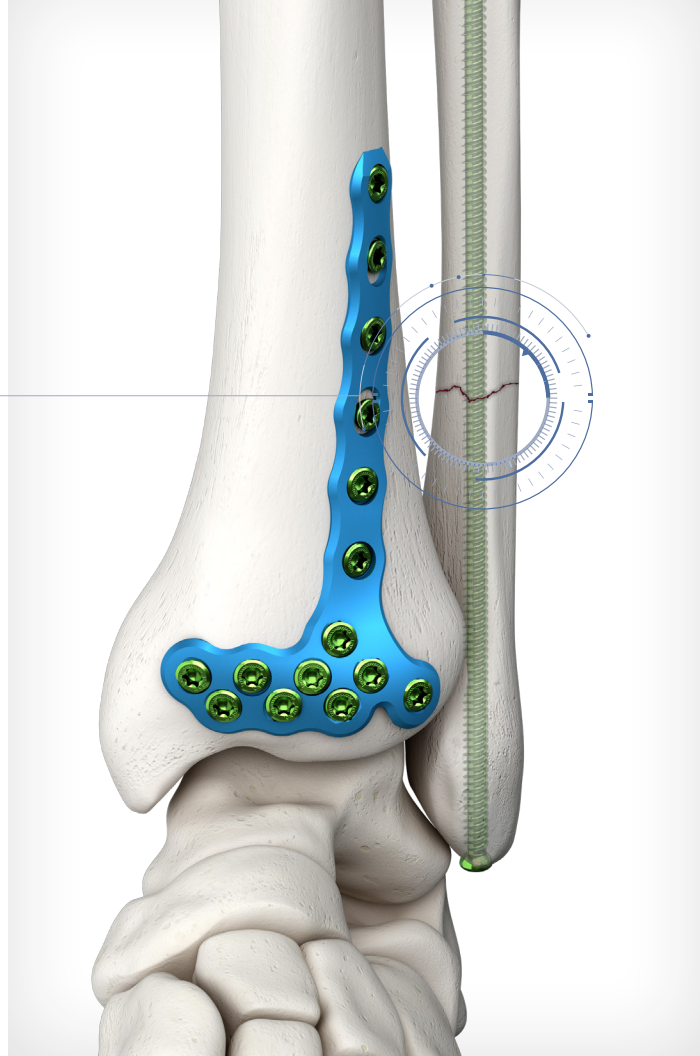
4-HOLE (72 mm)

10-HOLE (144 mm)

### IM Fibula Implants

MSFB0xxx series

- Ø3.7/4.0 mm taper, 65-150 mm lengths
- Designed to address transverse fibula fractures requiring intramedullary fixation
- Tapered diameter to fit within the fibular canal, with a dual-lead thread for faster insertion
- Included in the set to reduce cost and inefficiency of pulling another tray



## Medial Distal Tibia

This plate family features a distal tab with a machined relief on the plate underside for bending and contouring to follow anatomical variations and to hug the medial malleolus. The transitional profile with a robust proximal shaft and lower profile distal design minimize hardware prominence in an area with less soft tissue coverage.

<b>4-HOLE (88 mm)</b> MPDT201L MPDT201R	<b>12-HOLE (185 mm)</b> MPDT205L MPDT205R
<b>6-HOLE (112 mm)</b> MPDT202L MPDT202R	<b>14-HOLE (209 mm)</b> MPDT206L MPDT206R
<b>8-HOLE (136 mm)</b> MPDT203L MPDT203R	<b>16-HOLE (232 mm)*</b> MPDT207L MPDT207R
<b>10-HOLE (161 mm)</b> MPDT204L MPDT204R	<b>18-HOLE (256 mm)*</b> MPDT208L MPDT208R

### Specifications

Distal Cluster Width	24 mm
Distal Cluster Thickness	2 mm
Shaft Thickness	2.5-3 mm (Transitional)

\*16- and 18-hole plates available separately in XL plate caddy.



4-HOLE (88mm)

6-HOLE (161mm)

10-HOLE (256mm)



## Anterior Distal Tibia

These plates ideally address anterior shearing fractures or multiple anterior fragments without significant extension into the tibial shaft. A low-profile distal cluster hugs the anterior tibial crest, minimizing hardware prominence in an area with less soft tissue coverage. The plates offer nine points of fixation with on-axis screw trajectories that aim superior to the ankle joint.

### Specifications

Length Range	62–135 mm
Left/Right Specific	No
Distal Cluster Width	38 mm
Distal Cluster Thickness	2 mm
Shaft Thickness	2 mm



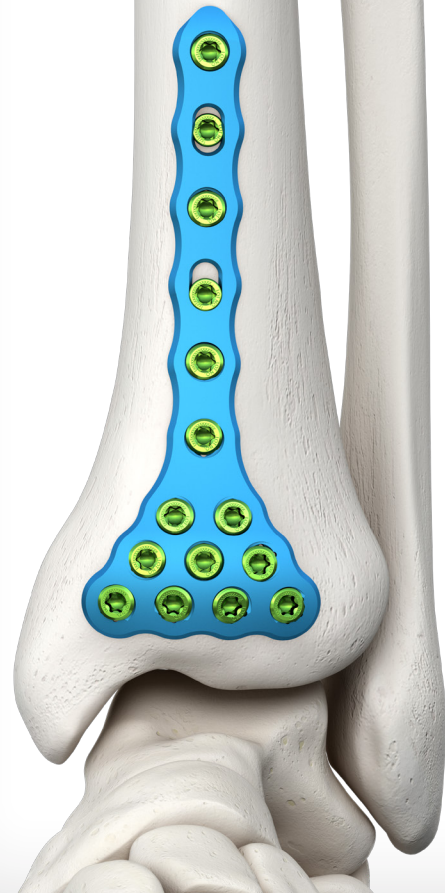
3-HOLE (62 mm)  
MPDT001U



6-HOLE (99 mm)  
MPDT002U



9-HOLE (135 mm)  
MPDT003U



## Posterolateral Distal Tibia

These plates are designed for severely comminuted fractures requiring a posterior approach. The plates feature an anatomical design similar to the smaller Posterolateral Tibia plates in the Ankle Fracture system, with additional holes distally for greater fixation and longer length options to address segmental fractures that extend proximally into the tibial shaft.

### Specifications

Distal Cluster Width	26 mm
Distal Cluster Thickness	2.5 mm
Shaft Thickness	2.5 mm



3-HOLE (59 mm)  
MPDT301L  
MPDT301R



5-HOLE (83 mm)  
MPDT302L  
MPDT302R



7-HOLE (106 mm)  
MPDT303L  
MPDT303R



9-HOLE (130 mm)  
MPDT304L  
MPDT304R



# Ankle Fusion

8 plate families | 20 unique options

Addresses TT (ankle) and TTC joint fusions from anterior, posterior and lateral approaches

SCREW OPTIONS

- Ø3.5/4.0 mm Polyaxial Locking and Non-Locking
- Ø4.5/5.5 mm Polyaxial Locking and Non-Locking



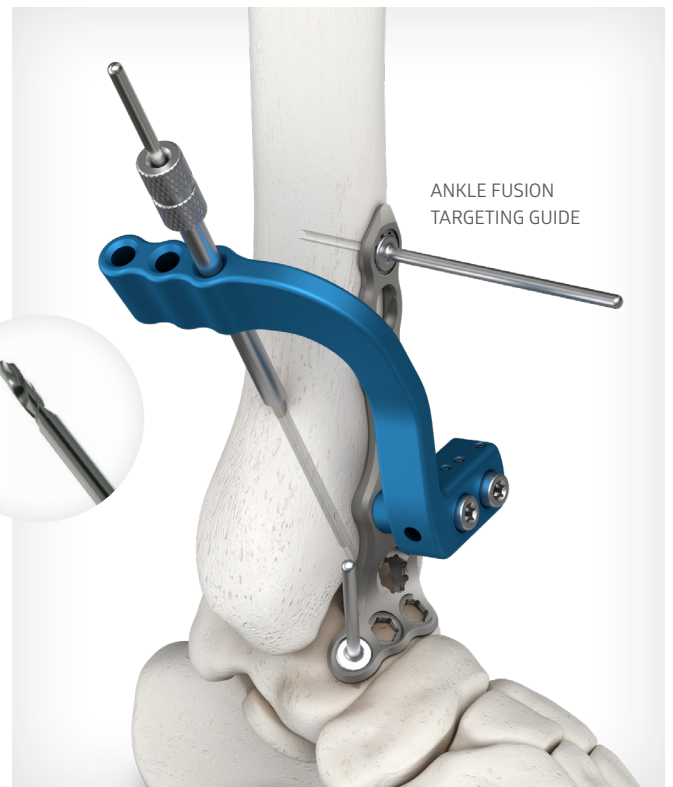
## Innovative instrumentation

The Ankle Fusion Targeting Guide locks onto anterior style plates providing three trajectory options for homerun screw guidepin placement.

The set also offers joint preparation instruments including locking distractors, cup curettes, curved arthrotomes and fenestration drills.



ANKLE FUSION  
DISTRACTOR

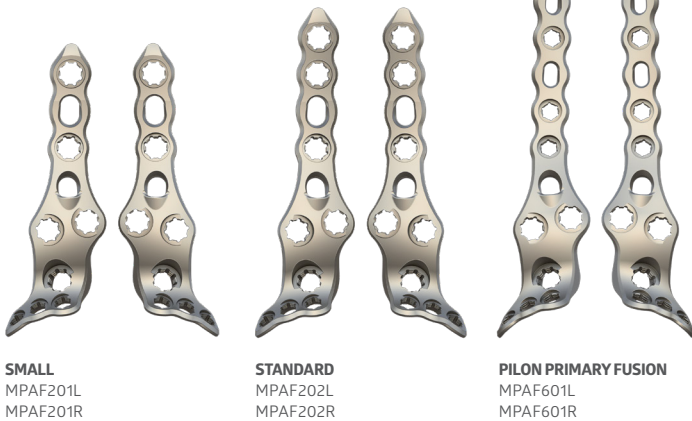


ANKLE FUSION  
TARGETING GUIDE

## Anterior

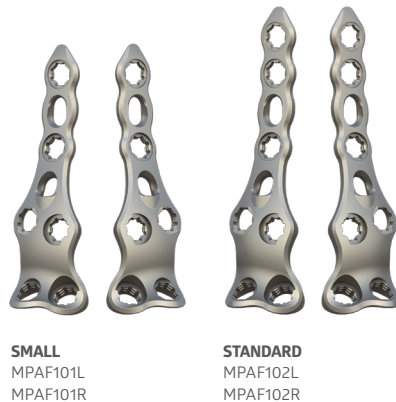
### Standard and Pilon Primary Fusion

The Standard Anterior Plate options are designed for a traditional open ankle fusion approach with maximum fixation in the talus. Plates are designed with a distal row of screw holes which accept either Ø3.5 mm or Ø4.0 mm polyaxial locking screws. An additional larger hole accommodates either a single Ø4.5 or Ø5.5 mm locking screw. The Primary Pilon option is designed for patients with severely comminuted distal tibia fractures with intra-articular involvement where primary arthrodesis of the tibiotalar joint is indicated. These plates feature a long anterolateral proximal shaft to span comminution up through the metadiaphyseal region.



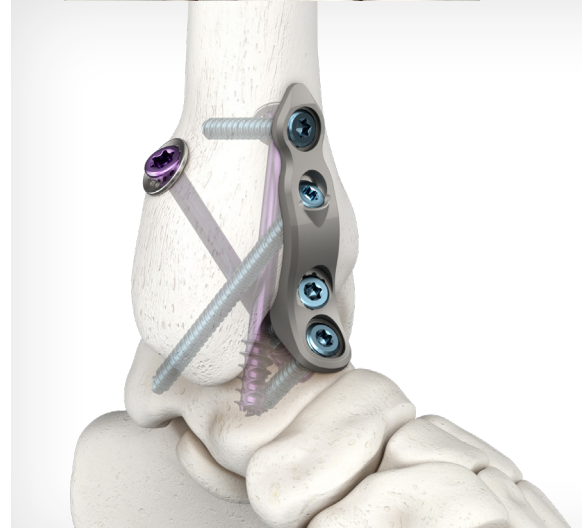
### Short Talar Neck

The Short Talar Neck Plate options are ideal for surgeons utilizing a traditional open ankle fusion approach with a distal cluster designed to avoid impingement of the talonavicular (TN) joint. The distal aspect of the plate accommodates two Ø4.5 mm or 5.5 mm polyaxial locking screws.



### Petite Plates

Inline and T-Style Petite plates are designed to be used in conjunction with an arthroscopic MIS or mini-open surgical technique, and may be used with crossing lag screws. The plates require a smaller incision when compared to traditional anterior plating options, and may be ideal for patients with smaller anatomy, such as a narrow or short talar neck.



## Posterior

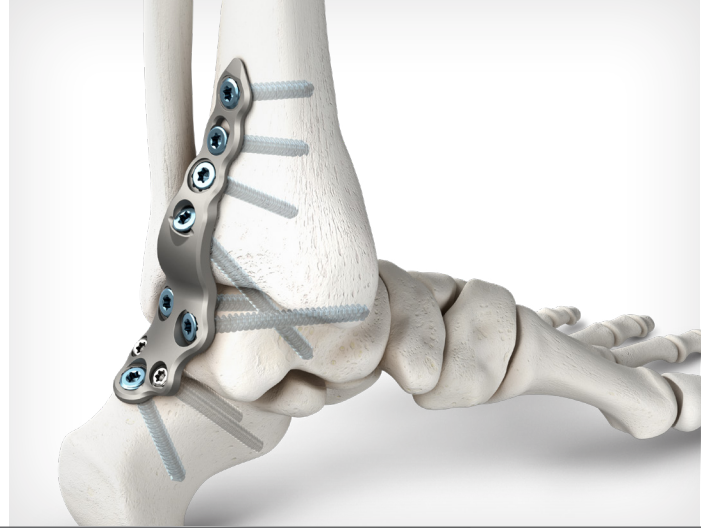
### TT and TTC Fusion

The Posterior TT plates are ideal when a traditional anterior approach is not viable due to a poor soft tissue envelope or anatomical abnormalities of the talar neck. The plates are contoured to hug the posterior lip without the need for resection. The TTC option adds three points of fixation in the calcaneus and may be used in lieu of the lateral approach plate to spare removal of the fibula.



**POSTERIOR TT**  
MPAF301L  
MPAF301R

**POSTERIOR TTC**  
MPAF401L  
MPAF401R



## Lateral

### Lateral TTC Fusion

Lateral TTC Fusion plates feature three dedicated holes allowing for compression across both the subtalar and the tibiotalar joints, as well as a minimum of three locking holes in each bone to ensure a robust construct.



**LATERAL TTC**  
MPAF501L  
MPAF501R



All Ankle Fusion plates feature a variation of our dual-mode compression technology. This feature enables traditional eccentric or interfragmentary compression\* through the same feature. Alternatively, Ø4.5 and 5.5 mm non-locking screws may be placed through this feature and across the joint as a positional screw for enhanced fixation.



\*Lag compression through the plate is achievable with Ø4.5 mm non-locking screws only, using the specially designed drill guide and overdrill.

SCREW SYSTEMS

# Precision at every turn

More than 50 unique titanium screw families

Includes headed lag, headless compression, digital fusion, snap-off, Jones fracture, Lisfranc and IM fibula implants



## Intelligent design

STAR drive, self-drilling, self-tapping and reverse cutting features ensure precision performance.



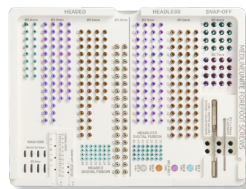
## Innovative instrumentation

From 3-in-1 snap-off screw drivers to interrupted Jones fracture taps, intelligent design extends beyond the implants.

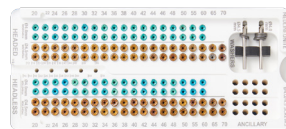


## Intuitive caddy design

All trays and caddies are sequenced for surgical flow, color-coded for efficiency and kitted by anatomy and indication for convenience.



FOREFOOT FIXATION SYSTEM



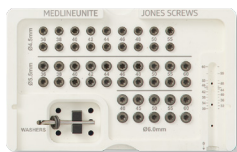
Ø4.0/4.5 mm SCREW SYSTEM



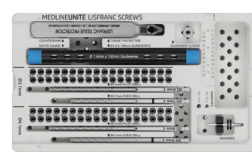
Ø5.5 mm SCREW SYSTEM



Ø6.5/7.0 mm SCREW SYSTEM

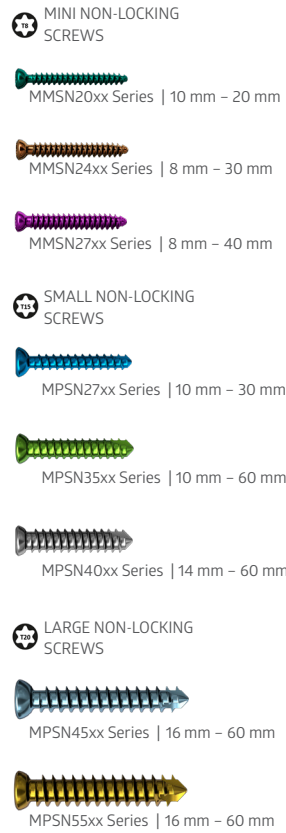
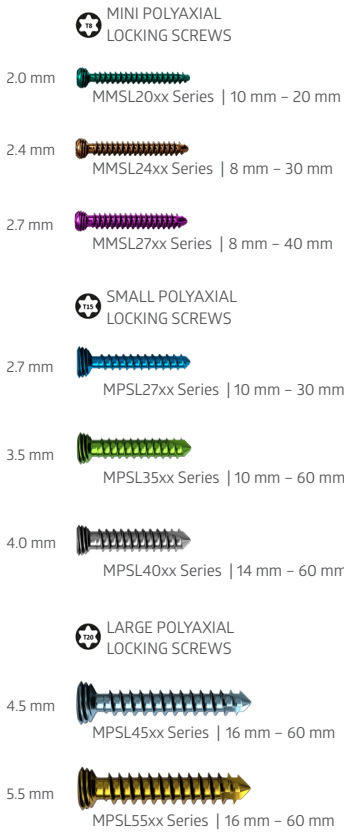


JONES FRACTURE SCREW SYSTEM



LISFRANC SCREW SYSTEM

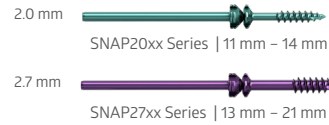
## Plate screws



## Specialty plate screws



## Snap-off screws



## Digital fusion implant



## Jones fracture screws



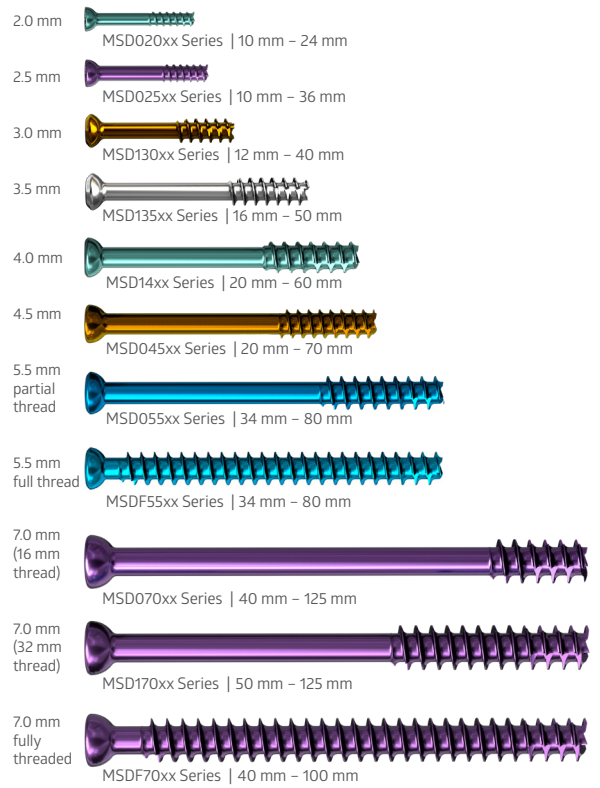
## Lisfranc screws



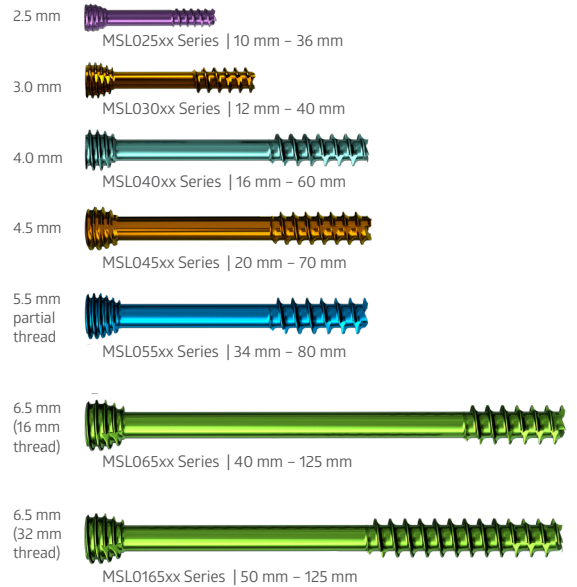
## IM fibula implant



## Low-profile headed cannulated screws



## Headless compression cannulated screws



Note: Certain screw styles are available across multiple systems. Always refer to a specific tray bill of materials to determine exact options.

SOFT TISSUE SOLUTIONS

# Tendon and ligament repair solutions— anchored in precision

Our tendon and ligament fixation solutions incorporate intelligent design to meet the specialized needs of foot and ankle surgeons.



## FORCEWEB™ Synthetic Ligament Augmentation Implant

Constructed from an open weave, non-resorbable material, the increased surface area of microfilaments allows for wicking of biological fluids to encourage cellular adherence and tissue ingrowth.<sup>4</sup> Broad, low-profile design reduces bulk and improves load sharing to closely mimic the strength and stretch of the native ATFL compared to similar co-polymer alternatives.<sup>3</sup> The implant is compatible with DEXLOCK KNOTLESS anchors.<sup>5</sup>

5.0 x 500 mm  
MWEB5040



## FORCECORD™ Midsubstance Achilles Repair System

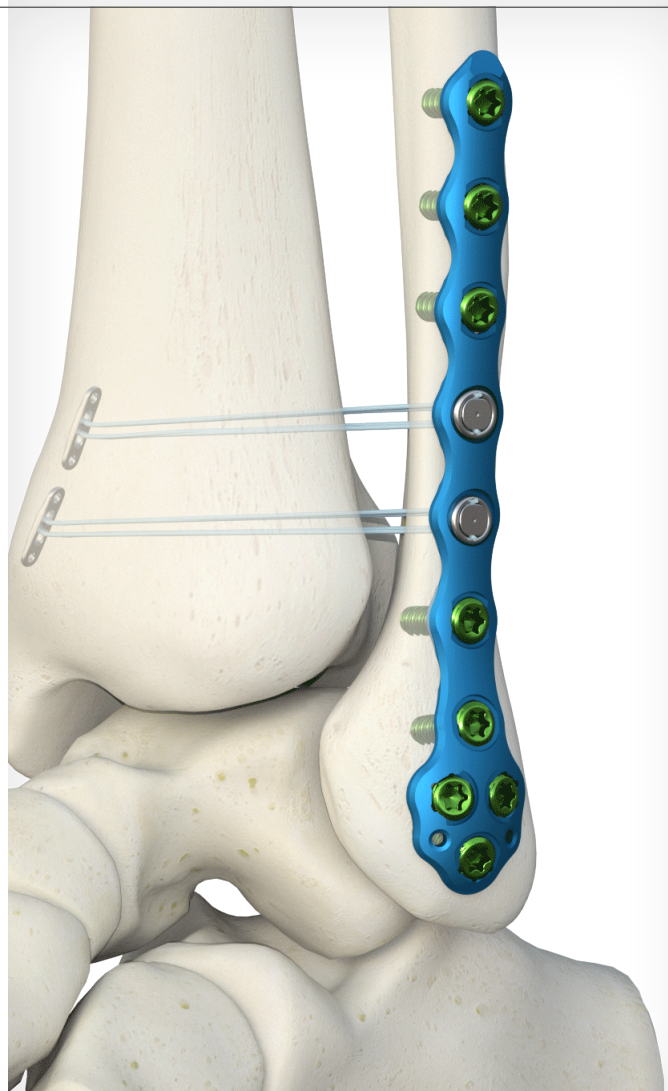
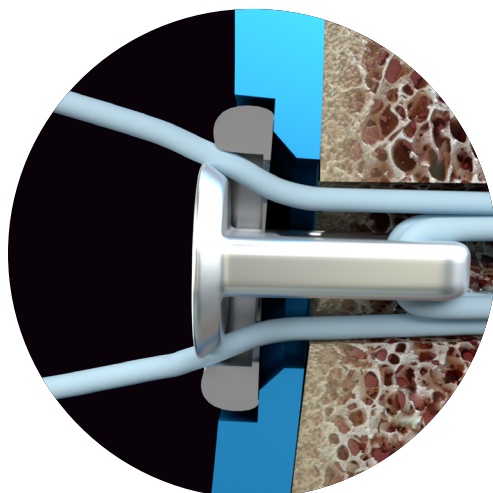
Made up of a densely woven flexible tubular structure, this broad implant outperforms 2mm suture tape in both ultimate tensile strength and pull-out strength.<sup>3,4,5</sup> It has flattened, tapered ends and is accompanied with a passing probe for easier intratendinous passage. Compatible with DEXLOCK Anchors<sup>5</sup>, FORCECORD offers a simplified yet comprehensive solution for midsubstance Achilles rupture repairs.

KITTED  
FORCECORD  
IMPLANT AND  
PASSING PROBE  
MCRD5580



## SYNDEX® WITH CONSTRUCTOR® TECHNOLOGY

This knotless, adjustable button technology for syndesmosis repair features a self-locking design to help prevent loss of reduction. It offers superior fixation under cyclic loading and substantial difference in load-to-failure compared to the market leader.<sup>2</sup> The button fits in the UNITE Lateral Fibula and Syndesmosis Buttress Plates with minimal prominence.



## DEXTACK® PUSH Suture Anchors

Tap-in anchors are made from PEEK and are double loaded with #0 or #2 non-absorbable, ultra-high-molecular-weight polyethylene suture. The compact anchor body design is ideal for lateral ankle ligament (ATFL) repair, medial deltoid ligament repair, and Kidner procedures. Available in Ø2.9 x 10 mm and Ø3.3 x 10 mm.



MRPP2910  
MRPP3310

## DEXTACK® TWIST Suture Anchors

Twist-in anchors are double loaded with #2 non-absorbable, ultra-high-molecular-weight polyethylene suture. The dual-lead thread pitch design is ideal for Achilles repair procedures. Available in Ø4.5 x 15 mm and Ø5.5 x 15 mm.



MRPT4515  
MRPT5515

## DEXLOCK® KNOTLESS Suture Anchors

The knotless anchor design allows for suture or tape tensioning to the desired repair location even after the eyelet is fully seated. The two-hole eyelet design accommodates multiple sutures or tapes and is compatible with Medline's 2.0 mm UHMWPE suture tape, FORCEWEB™, and FORCECORD™ 3,5. Their dual-lead thread design facilitates faster insertion and is designed to support retention across multiple implant configurations.



MRPK4520

MRPK5520

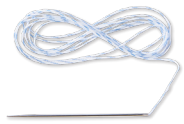
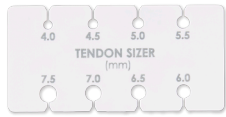
The Insertional Achilles Repair kit comes with four Ø4.5 mm DEXLOCK Knotless Anchors, two of which are pre-loaded with 2 mm tape and needles. It additionally contains all necessary instrumentation for completing a double-row insertional Achilles Repair.



MAKT4520

## DEXTEN™ Tenodesis Screws

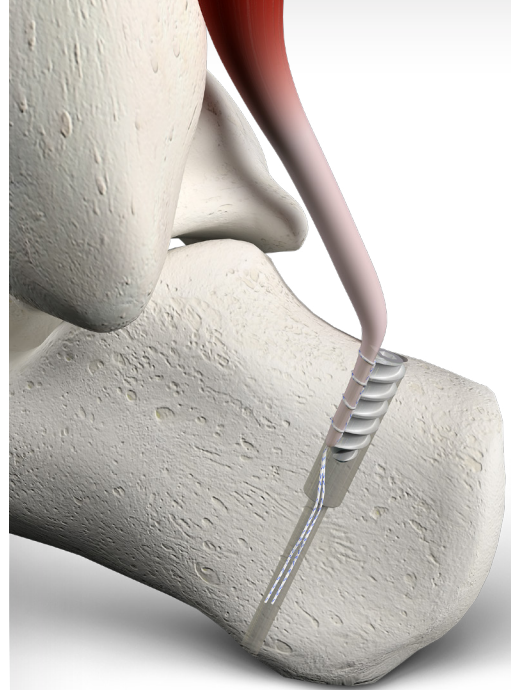
DEXTEN™ Tenodesis Screws are made of PEEK material, and their dimensions are ideal for foot & ankle applications such as FDL and FHL tendon transfers. Sterile Sizing and Implant Kits are available for added intraoperative convenience. Sizing Kits come with a tendon sizer and suture loop. Implant Kits are equipped with a tenodesis screw, Ø2.4 x 240 mm suture guide drill pin, cannulated reamer, teno hex driver, and AO handle.



MDKTTEN1



MTKTx15 Series | 4.5 - 7.0 mm



# Surgical accessories










## Joint Prep Kit

The Joint Prep Kit offers sterile, sharp instrumentation for maximum intraoperative convenience. Contains a small joint arthrotome, cup curette, fenestration drill pin and AO/QC.



## MIS Burrs

A comprehensive array of indication specific MIS Burrs are available to treat a multitude of pathologies, including common osteotomies and joint prep. All burrs are compatible with commonly available surgical power units and 4:1 reducers.

	Item No.	Size	Qty.
	MBUR2008	∅2.0 x 8 mm	1 ea
	MBUR2013	∅2.0 x 13 mm	1 ea
	MBUR2212	∅2.2 x 12 mm	1 ea
	MBUR2220	∅2.2 x 20 mm	1 ea
	MBUR2913	∅2.9 x 13 mm	1 ea
	MBUR3030	∅3.0 x 30 mm	1 ea
	MBUR3120	∅3.1 x 20 mm	1 ea
	MBUR4313	∅4.3 x 13 mm	1 ea
	MBUR5015	∅5.0 x 15 mm	1 ea

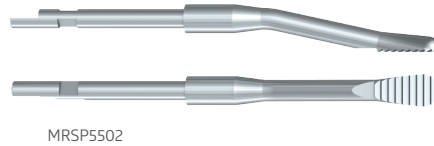
## Autograft Harvester

The Autograft Harvester is a two piece instrument used to recover autogenous bone. The harvester connects to power via an AO/QC and can be disassembled with a knob that accepts a T15 Driver. It contains a scoop feature to remove the graft from the housing. Offered in ∅7 and 9 mm sizes based on patient anatomy or desired harvest site.



## Power Rasp

The Power Rasp allows for efficient and reproducible debridement or joint preparation. It has a reciprocating saw attachment and shortened shaft for improved ease of use in foot and ankle surgery. Sterile packaging further promotes intraoperative efficiency.



## MIS Power Surgical System

This powerful, compact system offers high torque and low speed operation to ensure precise percutaneous cuts during minimally invasive surgery. A clear display and multi-function foot pedal allows for intuitive and convenient control. The console features quiet, integrated pump irrigation and is compatible with Medline's 4:1 reducer and MIS burrs.



## ACTIGLASS® Bioimplant

This backfill bioimplant combines the osteoconductive properties of tricalcium phosphate and hydroxyapatite with bioactive glass in a collagen matrix. Together, this biocompatible composition can resorb and be replaced by natural bone. It is pre-sized to backfill the void created by the Autograft Harvester.



Item No.	Size	Qty.
MSBG6540	∅6.5 x 40 mm	1 ea
MSBG8540	∅8.5 x 40 mm	1 ea

# Activate your fusion



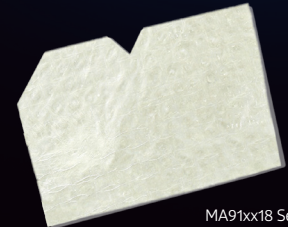
MVBG1xxx Series



MSBG0xxx Series



MDBM1xxx Series



MA91xx18 Series

## Viable Matrix Plus<sup>®</sup> Bone Allograft

**Osteogenic potential** including cell viability and progenitor cellular expression verified through multiple assays<sup>6</sup>

**Osteoinductive potential** from endogenous factors in demineralized cortical bone

**Osteoconductive 3d scaffold** comprised of mineralized cancellous bone to mimic particulate structure of native bone

**Patented processing technology** DMSO-free cryoprotectant eliminates rinsing step and retains over 92% viability post thaw<sup>6</sup>

**Improved handling and wicking** vs. traditional cellular bone allografts

**1.5 MM**  
viable cells  
per cc.<sup>6</sup>

## ACTIGLASS<sup>®</sup> Synthetic Bioactive Putty

**Optimized combination** and ratio of biomaterials designed to support bone healing over time<sup>7</sup>

**Bioglass facilitates a rapid biological response** and stimulates the formation of an osteoconductive apatite layer<sup>7</sup>

**Optimized granule structure and porosity** mimics human cancellous bone

**Controlled resorption profile** with biphasic granules ( $\beta$ -TCP and HA components)

**Highly moldable and waxy consistency** in a rapidly resorbing Alkylene Oxide Polymer carrier

Forms an osteoconductive apatite layer as early as **7 days.**<sup>7</sup>

## ACTISTIM<sup>®</sup> Demineralized Fiber Putty

**Versatile graft option** for small voids

**3D interwoven fiber scaffold** offers greater osteoconductive surface area vs. traditional crushed cancellous bone

**Improved handling and wicking** versus traditional putties and chips

**Carrier-free formulation** readily permits bone healing process

**18x greater**  
surface area to  
volume ratio.\*

## REVITALON<sup>™</sup> Amnion Chorion Membrane

**Dual-layer** amnion chorion membrane graft

**Increased thickness** to improve suture passing capabilities during implantation

The graft's solubility allows for **rapid rehydration** once in place.

## Pre-Hydrated Reconstructive Bioimplants

**Pre-hydrated for speed and strength**—bioimplants are processed, packaged and stored fully hydrated for immediate use.

- Eliminates idle time
- Preserves structural integrity of the graft
- Reduces the likelihood of intra- and post-operative graft crumbling and subsidence

**Pre-shaped for stronger performance**—made of dense cancellous bone, each bioimplant is pre-shaped to eliminate the time and waste of cutting a bone block.

- Designed to meet physical demands of structural graft applications
- Resorbable allograft
- Removes easily if needed



\*Compared to 1-4mm cancellous chips.<sup>8</sup>

# Notes

# Notes

# Notes

# Expertise in practice

UNITE is guided by the expertise of our surgeon design team, down to the finest details. Collaboration at every step is the essence of the process, all to address the complex, unmet needs of surgeons and advance clinical performance through intelligent design.



To schedule a case, contact your Medline UNITE Representative or visit [medlineunite.com](http://medlineunite.com) for more information.



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