UltOS™ Foot Plating System

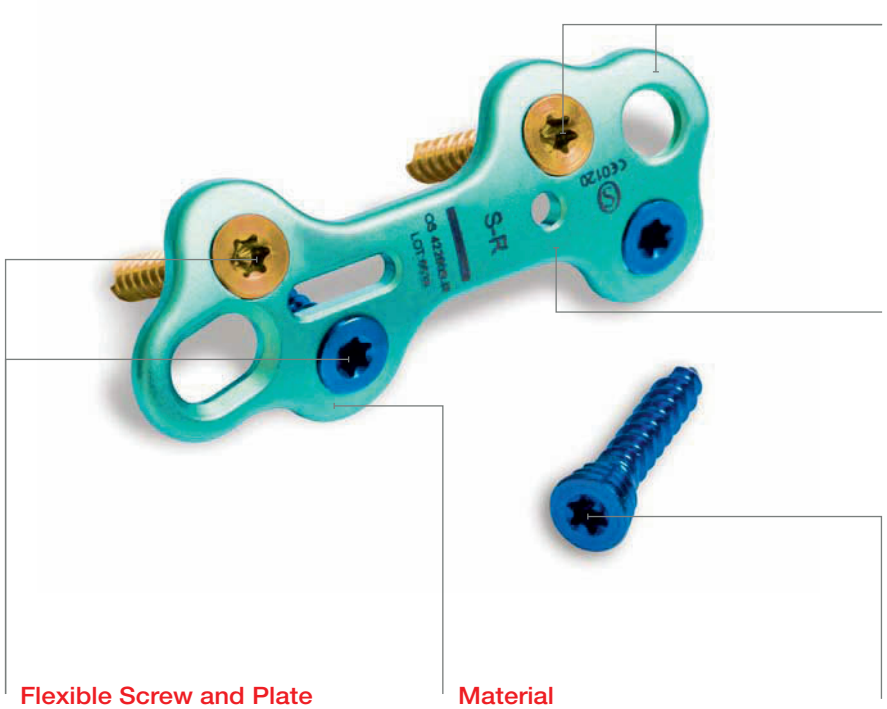
One System. Multiple Options.

Design Rationale & Surgical Technique

OrthoSolutions™
Specialist Extremities

Design Rationale

Plate and Screws



Low Profile Plates and Screws

Anatomically contoured low profile plates and screws to minimise the likelihood of soft tissue impingement and irritation.

Colour Coded

The plates and screws are colour coded for easier identification during the surgical procedure.

Flexible Screw and Plate Combination

Each plate can accept either 2.7mm or 3.5mm locking, or non locking screws ensuring a plate and screw construct that best suits the anatomy and clinical indications.

Material

The plates and screws are made from Titanium alloy (Ti-6Al-4V). The material offers a combination of strength and biocompatibility.

Torx Drive

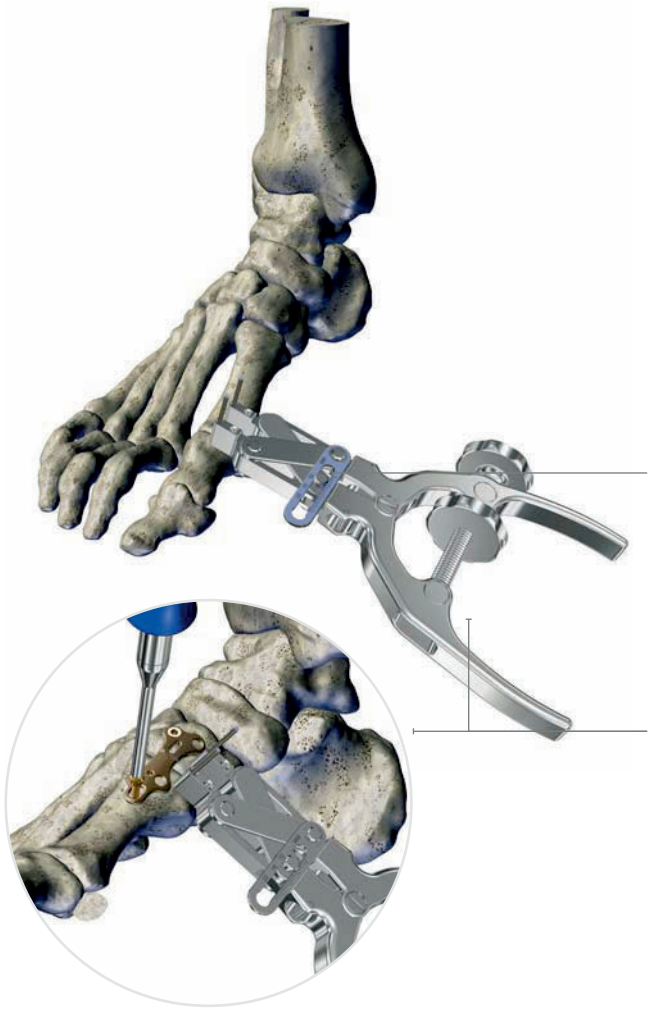
T8 Torx Drive headed screw to increase torque transmission from the driver to the screw ensuring secure and efficient insertion of the screw into the plate and bone.

3.5mm Cannulated Screw Option

A 3.5mm cannulated screw can be used independent of the plate to supplement compression across the osteotomy site.

2.7mm and 3.5mm Diameter Locking and Non Locking Screws

2.7mm and 3.5mm locking, or non locking screws are available for use with any plate.



Instrumentation

Parallel Compression and Distraction

Controlled parallel compression, or distraction, of the osteotomy site can be achieved, independent of the plate, with the use of the compression distraction device.

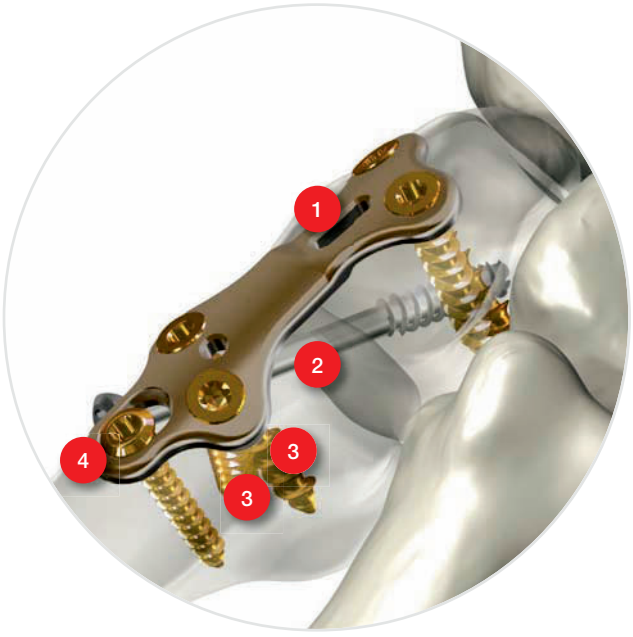
Controlled Compression or Distraction

A graduated scale on the device ensures that the level of compression or distraction can be measured and controlled.

Positional Locking

The thumb screw ensures that the bone fragments can be stabilised in position prior to securing with the plate and screws.

Stable and Secure Positioning



1. Compression Slot

Compression slot to enhance apposition of the osteotomy site prior to final screw insertion increasing the stability of the plate and bone construct.

2. Construct Augmentation

A 3.5mm cannulated screw can be inserted across the osteotomy or fusion sites to strengthen the construct and increase the likelihood of bone fusion.

3. Convergent Screw Axis

Convergent screw axis improves plate fixation and overall construct stability.

4. Dynamic Slot

Dynamic slot within the plate facilitates stabilisation of the plate whilst compression is being applied to the osteotomy sites.

System Range

The system offers a comprehensive range of twelve types of plate for elective forefoot, midfoot and hindfoot surgical procedures.

System Range - Screws

A range of 2.7mm and 3.5mm locking and non locking screws are available.

Any screw can be utilised in any plate. The 3.5mm cannulated compression screw can be used independently across the osteotomy site to provide additional compression and stability where required.

2.7mm Locking Screws

12 Lengths -
8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm.

2.7mm Non Locking Screws

12 Lengths -
8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm.

3.5mm Locking Screws

15 Lengths -
10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm.

3.5mm Non Locking Screws

13 Lengths -
14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm.

3.5mm Cannulated Compression Screws

12 Lengths -
25mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 45mm, 50mm, 55mm, 60mm.

System Range - Plates

Lapidus Plate

Product Description	Part Number
Lapidus Plate 0mm Left	OS421000L
Lapidus Plate 0mm Right	OS421000R
Lapidus Plate 2mm Left	OS421002L
Lapidus Plate 2mm Right	OS421002R
Lapidus Plate 4mm Left	OS421004L
Lapidus Plate 4mm Right	OS421004R
Lapidus Plate 6mm Left	OS421006L
Lapidus Plate 6mm Right	OS421006R

Metatarsophalangeal Plate

Product Description	Part Number
MTP Plate Large Left	OS42260LL
MTP Plate Large Right	OS42260LR
MTP Plate Medium Left	OS42260ML
MTP Plate Medium Right	OS42260MR
MTP Plate Small Left	OS42260SL
MTP Plate Small Right	OS42260SR
MTP Plate Extra Small Left	OS42260XSL
MTP Plate Extra Small Right	OS42260XSR

Opening Wedge Plate

Product Description	Part Number
Opening Wedge Plate 0mm	OS422800
Opening Wedge Plate 3mm	OS422803
Opening Wedge Plate 4mm	OS422804
Opening Wedge Plate 5mm	OS422805
Opening Wedge Plate 7mm	OS422807
Opening Wedge Plate 2.5mm	OS422825

Opening Wedge Locking Plate

Product Description	Part Number
Opening Wedge Locking Plate 0mm	OS422400
Opening Wedge Plate Locking 3mm	OS422403
Opening Wedge Plate Locking 4mm	OS422404
Opening Wedge Plate Locking 5mm	OS422405
Opening Wedge Plate Locking 6mm	OS422406
Opening Wedge Plate Locking 7mm	OS422407

General Fusion Straight Plate

Product Description	Part Number
General Fusion Straight Plate 2 Hole	OS422702
General Fusion Straight Plate 3 Hole	OS422703

General Fusion T Plate

Product Description	Part Number
General Fusion T Plate 3 Hole	OS422712
General Fusion T Plate 4 Hole	OS422714
General Fusion T Plate 6 Hole	OS422716

System Range - Plates

General Fusion 'X' Plate

Product Description	Part Number
General Fusion X Plate L	OS42150L
General Fusion X Plate M	OS42150M
General Fusion X Plate S	OS42150S
General Fusion X Plate XS	OS42150XS

Rearfoot Reconstruction Plate

Product Description	Part Number
Rearfoot Recon Plate 6 Hole	OS421406
Rearfoot Recon Plate 8 Hole	OS421408
Rearfoot Recon Plate 14 Hole	OS421414

Tarsal Fusion Plate

Product Description	Part Number
Tarsal Fusion Plate 12mm	OS421512
Tarsal Fusion Plate 14mm	OS421514
Tarsal Fusion Plate 16mm	OS421516

Universal Locking Plate

Product Description	Part Number
Universal Locking Plate 12mm	OS421112
Universal Locking Plate 16mm	OS421116
Universal Locking Plate 20mm	OS421120
Universal Locking Plate 24mm	OS421124
Universal Locking Plate 30mm	OS421130

Arthrodesis Wedge Plate

Product Description	Part Number
Arthrodesis Wedge Plate 0mm	OS421300
Arthrodesis Wedge Plate 2mm	OS421302
Arthrodesis Wedge Plate 4mm	OS421304
Arthrodesis Wedge Plate 6mm	OS421306
Arthrodesis Wedge Plate 8mm	OS421308

Calcaneal Step Plate

Product Description	Part Number
Calcaneal Step Plate 8mm	OS421208
Calcaneal Step Plate 10mm	OS421210
Calcaneal Step Plate 12mm	OS421212

Surgical Techniques

1. General Surgical Procedure

Instrumentation System

The comprehensive instrumentation system is presented as a single set for improved efficiency and ease of use. The top tray of the set contains the preparation instruments for the plate specific procedures. The bottom tray holds the non sterile implants, or trial plates. Implants are also available sterile packed.

Screw Insertion

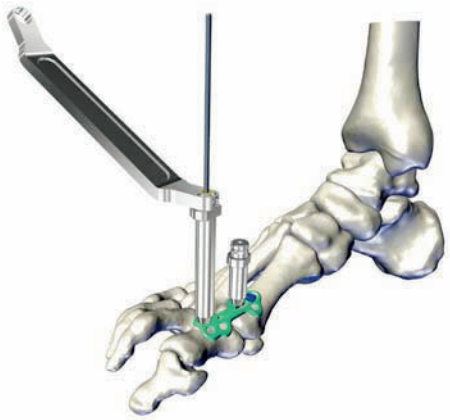
All plate offerings within the Ultos™ System accept all 2.7mm and 3.5mm non locking and locking screw formats.

NOTE: *Applying excessive torque during screw insertion is not recommended and could result in damage to the screw head and/or plate, especially in regards to locking screws. It is advised to stop tightening when the screw head locks flush in the plate.*

Stabilising Plate with K-Wire

Standard 1.1mm K-Wires (OS292110) are available to temporarily stabilise plates over the joint sites prior to screw insertion.

2.0mm (OS200020LC) and 2.5mm (OS200025LC) drill bits are available for pre-drilling screw positions.



Drill Guides

When using on-axis locking screws with the plates, thread the appropriate drill guide into the corresponding plate position and use the designated drill size:
2.7mm screws use 2.0mm drill OS200020LC
3.5mm screws use 2.5mm drill OS200025LC

The drill guides can be stabilised during drilling with the Drill Guide Holder OS328005-NS. Ensure the drill guides mate properly and are seated correctly on the plate ensuring the correct, predetermined hole trajectory. Both 2.7mm and 3.5mm drill guides are available in long and short versions allowing them to be used simultaneously without interference.

TIP: When drilling, penetrate the near cortex and continue drilling until the far cortex is reached. Advance cautiously; taking care to stop drilling immediately the far cortex is breached.

Non Locking Screws

TIP: Non locking screws can be used when a small amount of off-axis alignment is required. The screws will comfortably allow for 5° of off-axis alignment.

TIP: Non locking screws can also be used when inserting the first screw in a plate ensuring the plate sits flush down on the bone surface prior to inserting all the locking screws.

Screw Length

Screw length is determined with the depth gauge (OS328101- NS). Locate the depth gauge in the appropriate plate position and depress the plunger. The hook on the distal tip of the plunger should hook on the wall of the far cortex.

The appropriate screw length can be directly read off the scale on the measuring device.

Parallel Compression and Distraction*

The Compression and Distraction Device (CDD) has been specifically designed for foot and ankle procedures for forefoot and midfoot / hindfoot procedures. Both compression and distraction, in a parallel plane, can be achieved by simply rotating the thumb wheels.

The device has been designed to suit anatomy, and limit interference. Once the established position has been selected either side of the osteotomy site, insert K-Wires (1.8mm or 2.0mm) through the device jaws. Distal holes will accept 1.8mm K-wires. Proximal holes will accept 2.0mm K-wires.

Caution - do not drill K-wires through CDD. K-wire misalignment could cause K-wires to cold weld to the instrument.

NOTE: *K-Wires must be inserted bi-cortically for correct use of the device.*

NOTE: *The most proximal locking screw, furthest from the fusion site should be inserted in the plate first. Next, drive the distal non locking screw until it is seated in the plate, but not locked down. Compression can then be finalised by rotating and locking the thumb screws on the device, before locking the screw down.*

* Ortho Solutions would like to gratefully acknowledge the generous design input for the Compression Distraction Device (OS423020) from Mr Mark Davies Consultant Orthopaedic Surgeon, BM, FRCS, FRCS (Tr & Orth) & Mr Christopher Blundell Consultant Orthopaedic Surgeon (Foot & Ankle), BMedSci (Hons), MB, ChB, MD, FRCS, (Tr & Orth) - Northern General Hospital – Sheffield

The device allows for a unique measurable “dial in” parallel compression and distraction.

Plate Contouring

The Ultos™ Foot Plating System has been designed to closely match anatomic contours of the forefoot, midfoot and hindfoot. In most cases, the procedure specific plates will not require any contouring, but if necessary due to bony abnormalities or deformity, a slight degree of contouring can be achieved using the bending irons and bending pliers.

NOTE: *Care must be taken not to over-bend the plates and plates should be bent only once and not in a back and forth motion to avoid fatigue stress.*

2. Metatarsophalangeal Fusion Surgical Procedure

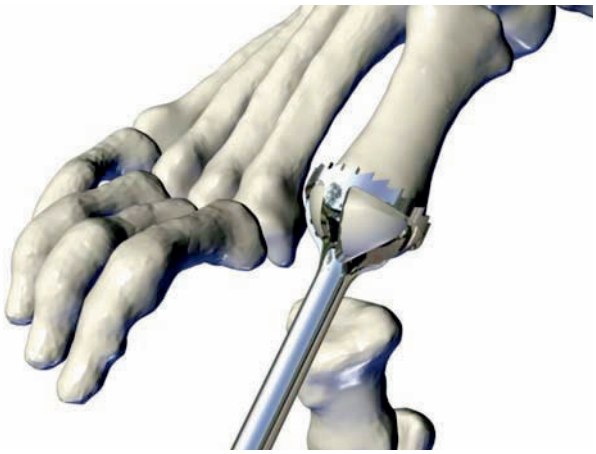
The Metatarsophalangeal (MTP) Plate is indicated for hallux valgus associated with osteoarthritis. Fusion can be beneficial for bunion patients with rheumatoid arthritis.

The MTP plates are available in both left and right sides of four sizes and are anatomically contoured with an integrated 8° of valgus correction and configured for challenging forefoot procedures. The plates feature an internal dynamic screw position for use with the Compression Distraction Device and accept both 3.5mm and 2.7mm locking and non locking screws. The low profiled, soft tissue friendly design of the plates allows for placement of a 3.5mm cannulated compression screw across the resection site ensuring good compression. It is recommended that 2.7mm screws are used primarily, with 3.5mm screws used as rescue screws or in poor quality bone.

Exposure and Joint Preparation

Access to the 1st MTP joint and to the osteotomy site is typically through a dorsal longitudinal or dorso-medial approach, according to surgeon preference. The incision is started and deepened medial to the EHL tendon (retracted laterally) and the joint capsule collateral ligaments released to expose the base of the proximal phalanx and metatarsal head.

Metatarsal Preparation



The phalanx is displaced plantarly to expose the metatarsal head.Using a powered drill insert a 1.6mm K-Wire centrally through the metatarsal head and into the diaphysis.

Run the Metatarsal concave reamer over the guide wire and employ a “pecking” drill cycle, clearing bone debris frequently, and until bleeding subchondral bone becomes visible on the joint surface.

TIP: Run the drill at low RPM, clearing debris frequently and with irrigation to prevent thermal necrosis.

TIP: Start with the largest concave reamer and if necessary, move progressively down through the reamer sizes until the correct radius removes the entire surface of articular cartilage, and take note of the final reamer size used.

The phalanx is prepared in a similar fashion by plantar-flexing the phalanx and inserting a 1.6mm K-Wire into the centre of the articular cartilage and driving through in the diaphysis.

TIP: Start with the smallest convex reamer and move progressively up through the reamer sizes until the corresponding size used on the metatarsal is reached. The metatarsal and phalangeal sides of the joint will then be fully conforming. Proceed with caution, taking care to protect the metatarsal head.

Plate Selection and Positioning

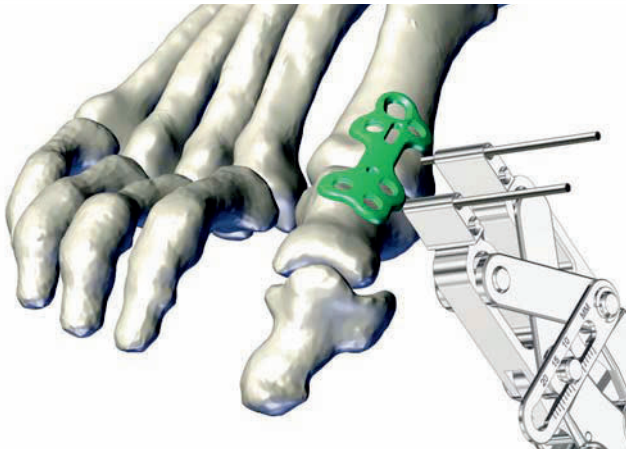
The valgus transition and resection indication line on the MTP plate can be used to identify the valgus transition point and ideal joint resection and should be used as a tool in establishing the ideal plate position.

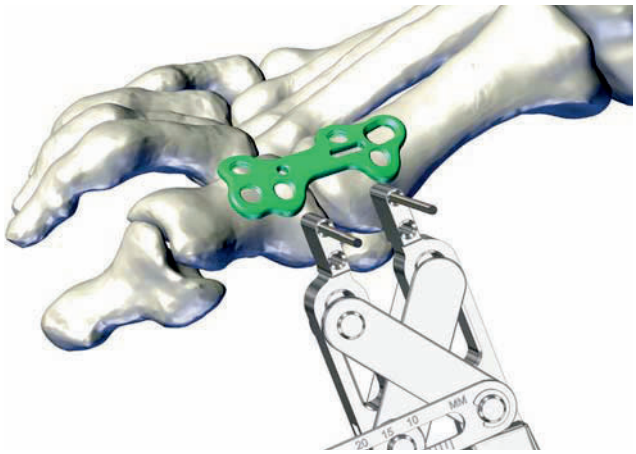
The matching cup and cone surface of the joint should be aligned in the desired position. Rotate the position as necessary and match the valgus angle.

TIP: Proper positioning can be evaluated with the placing of support against the plantar surface of the foot.

Compression & Distraction

Once the plate selection and position are decided, the Compression Distraction Device (CDD) should be used to reduce the joint prior to insertion of the screws and locking of the plate.



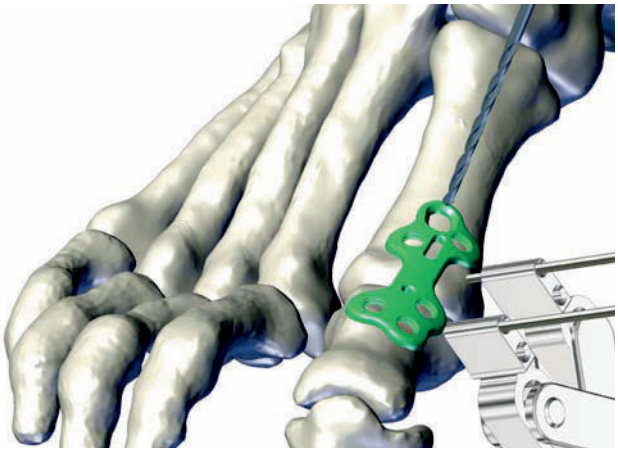


Set the CDD to the appropriate position ensuring adequate distance between the jaws to achieve the desired compression. The CDD jaws accept both 1.8mm and 2.0mm K-Wires. The device should be positioned to allow 2 K-Wires to be driven either side of the joint resection, and outside of the plate profile.

TIP: K-Wires should be inserted through the far cortex to ensure a stable and rigid scaffold when applying compression.

Caution - do not drill K-wires through CDD. K-wire misalignment could cause K-wires to cold weld to the instrument.

Proximal Screw Insertion



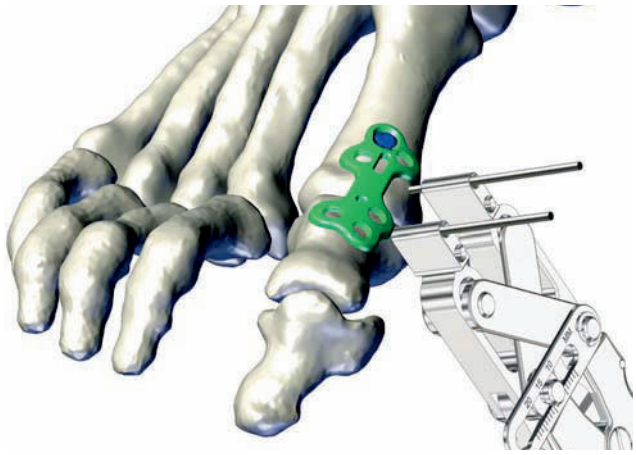
With the resection site reduced and compression maintained through the Compression Distraction Device the plate profile should be evaluated.

TIP: Plate benders can be used to bend the plate if determined necessary.

PLATES SHOULD ONLY BE BENT IN ONE DIRECTION AND NEVER RE-BENT.

Perform drilling according to the selected preferred screw size in the most proximal dynamic standard screw position.

TIP: Using the appropriate drill, penetrate the near cortex and continue drilling until the far cortex is reached. Take care to stop drilling immediately the far cortex is breached.



After determining length with the depth gauge, insert the appropriate screw. Inserting the non locking screw first will help to seat the plate flush on the bone surface.

Advance the screw flush to the plate but do not lock the screw down. The non locking screw in the dynamic slot allows for movement of the plate during final compression.

TIP: All plate screw holes accept both the 3.5mm (gold) and 2.7mm (blue) locking or non locking screws.

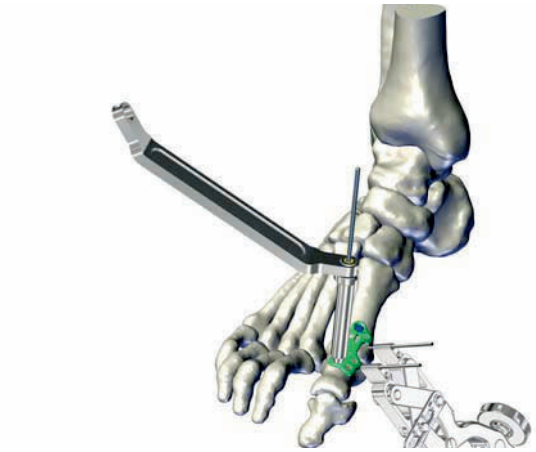
Distal Screw Insertion

Perform drilling of the proximal screw holes through the appropriate drill guide for the screws selected.

2.7mm screws are generally recommended for fixation of the MTP plate.

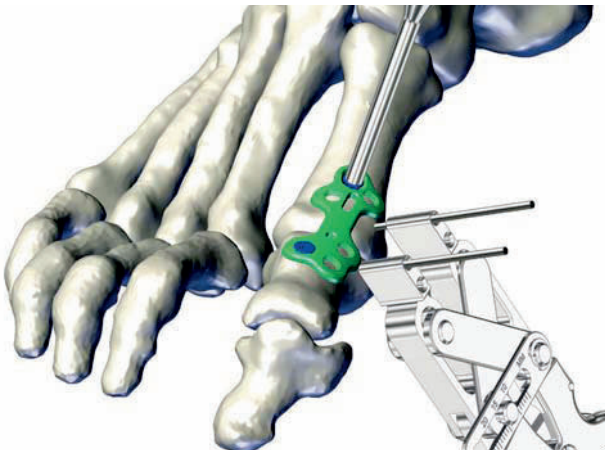
TIP: Using the appropriate drill, penetrate the near cortex and continue drilling until the far cortex is reached. Take care to stop drilling immediately the far cortex is breached.

The drill guide will have ensured the correct trajectory of the screw drill hole, and the screw should be advanced to a position where the head is flush with the plate and locked.



With the distal screw locked down, ensure adequate compression is applied through the CDD and lock down the non locking screw.

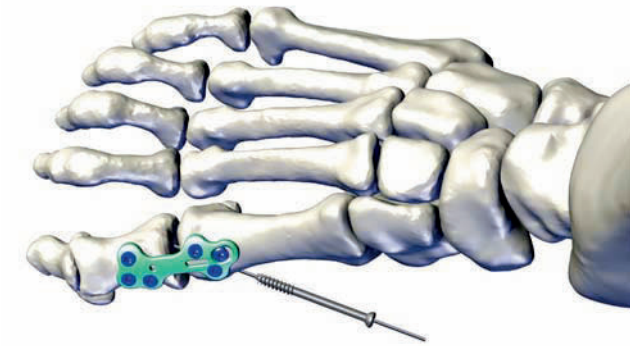
TIP: When completing final screw positions, all screws used on axis (locking screws) should sit with the head flush to the outer plate profile.



Stabilising the Fusion Construct

To stabilise the fusion construct, remove the Compression Distraction Device and temporary fixation pins and use the technique previously described to place locking and /or non locking screws through all remaining screw positions within the plate. 2.7mm screws are generally recommended for fixation of the MTP plate.

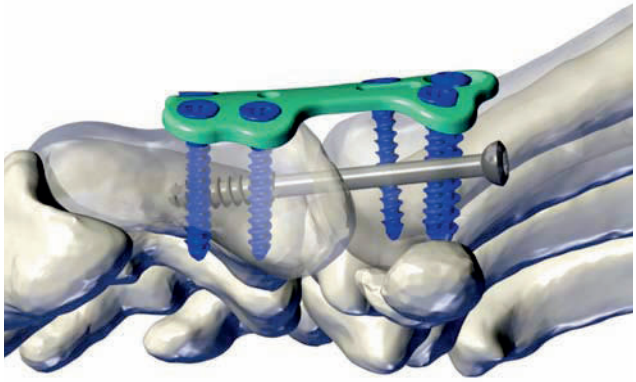
TIP: When completing final screw positions, all screws used on axis (locking screws) should sit with the head flush to the outer plate profile.



Across Joint Compression

The UltosTM Plating System includes a 3.5mm cannulated compression screw which can be used to provide additional, across joint, mechanical compression and stabilisation.

Screw trajectory is determined by inserting a K-Wire, medially mid height of the metatarsal head, distally out of the lateral side of the phalanx.



The required length of the 3.5mm cannulated compression screw is established using the depth gauge provided. Advance the screw so the head is flush and taking care not to fracture the cortex. The construct provides the stability of plate fixation and screw compression across the joint with a lag effect.

3. Lapidus Surgical Procedure

The Lapidus procedure is used to correct a moderate to severe hallux valgus deformity. It is also indicated for hallux valgus associated with a hypermobility of the first ray.

The Lapidus Plate comes with both left and right sides and is anatomically contoured and configured for challenging midfoot procedures. The step offsets, ranging from 0mm to 6mm facilitate correct positioning of the MTP base, and the low profile, soft tissue friendly design of the plate allows for placement of a 3.5mm cannulated compression screw across the resection site ensuring good compression.

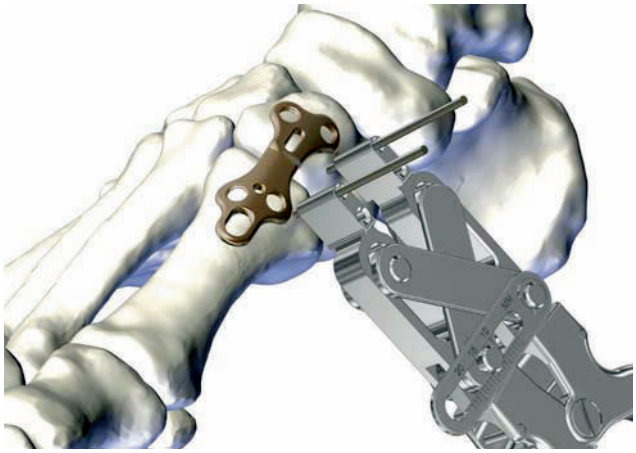
Exposure and Joint Preparation

Access to the 1st TMT joint and to the osteotomy site can be obtained through a dorsomedial approach extending ± 2.5cm either side of the TMT. The dissection should be carried down through the subcutaneous tissues (ensure the anterior tibial tendon is identified and protected). Performa dorsal capsulotomy at the superior aspect of the 1st TMT, exposing the joint and debriding the joint surfaces, taking care not to remove subchondral bone unless this is necessary for deformity correction.

Plate Selection

After joint preparation, reduce the fragments and offer up an appropriate implant plate from the plate caddy on the instrument set, considering the step offsets in relation to the first metatarsal translation. Position the plate dorsomedial over the TMT joint and verify that the plate lies flush against the metatarsal and cuneiform surfaces. If it is necessary to make minor contour adjustments to the actual implant, plate bending irons and pliers are available on the instrument set.

TIP: Ensure the dynamic slot is distal to the joint.

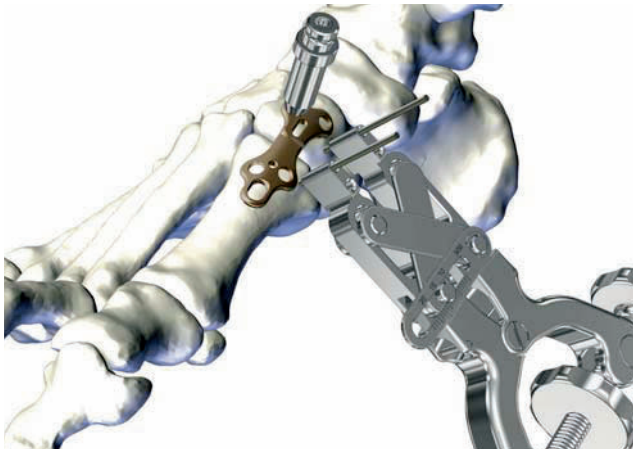


Compression & Distraction

Once the plate selection and position are decided, the Compression Distraction Device (CDD) should be used to reduce the joint prior to insertion of the screws and locking of the plate.

Set the CDD to the appropriate positioning ensuring adequate distance between the jaws to achieve the desired compression. The CDD jaws accept both 1.8mm and 2.0mm K-Wires. The device should be positioned to allow 2 K-Wires to be inserted either side of the joint resection, and outside of the plate profile.

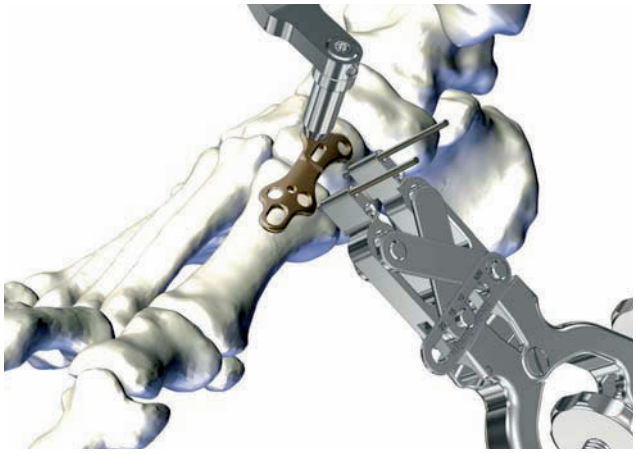
TIP: The Compression Distraction Device can be locked in position using the free-spinning thumb-wheels.



Proximal Screw Insertion

With the resection site reduced and compression maintained through the Compression Distraction Device, insert (screw thread) the appropriate drill guide according to the preferred screw diameter. The drill guides are clearly identified as either 2.7mm or 3.5mm and are available in both a long and short version. Drill 2.0mm for 2.7mm screws and 2.5mm for the 3.5mm screws.

TIP: All plate screw holes accept both the 3.5mm (gold) and 2.7mm (blue) locking or non locking screws.

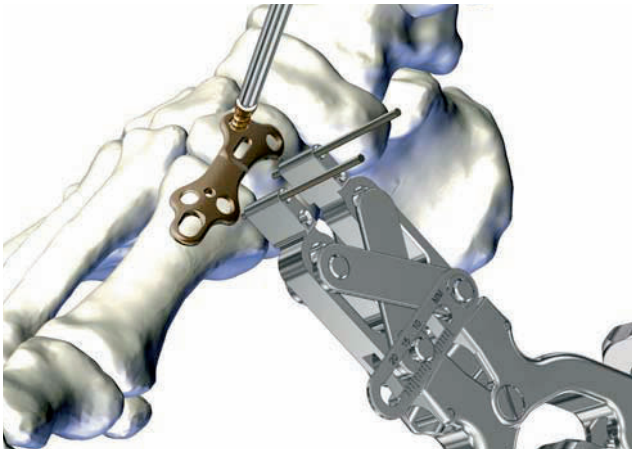


Once the drill guide is inserted, and pressure applied to maintain plate positioning with the drill guide holder, the holes can be drilled to the appropriate depth.

TIP: Using the appropriate drill, penetrate the near cortex and continue drilling until the far cortex is reached. Take care to stop drilling immediately the far cortex is breached.

A traditional screw depth gauge is available on the set to measure and ascertain the correct screw length.

3.5mm screws are generally recommended for fixation of the Lapidus Plate. The drill guide will have ensured the correct trajectory of the screw drill hole, and the screw should be advanced to a position where the head is flush with the plate.

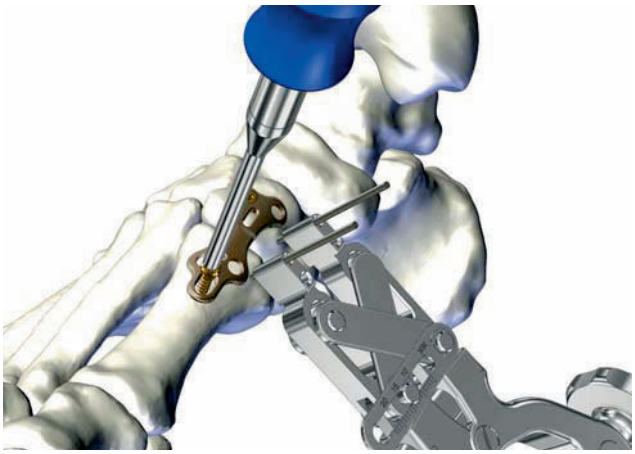


Distal Standard Screw Insertion

Following locking of the proximal screw, and with the CDD still applying compression, a non locking screw should be inserted in the distal dynamic screw slot.

TIP: Lock the screw down whilst ensuring adequate compression through the Compression Distraction Device.

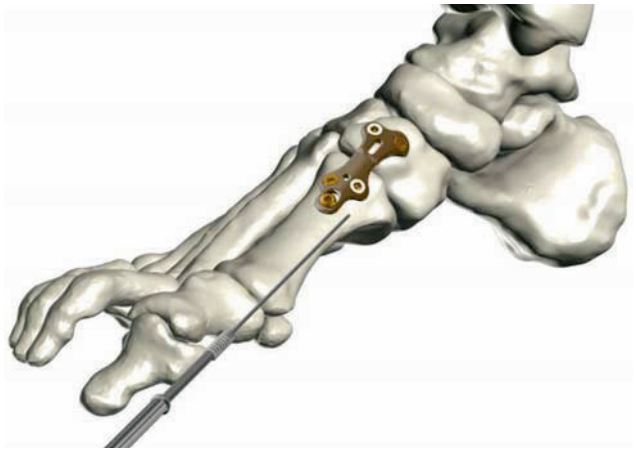
TIP: The use of a non locking screw prior to introduction of all locking screws will buttress the plate flush to the bone surface.



Stabilising the Fusion Construct

To stabilise the fusion construct, remove the Compression Distraction Device and temporary fixation wires and use the technique previously described to place locking and /or non locking screws through all remaining screw positions within the plate. 3.5mm screws are generally recommended for fixation of the Lapidus Plate.

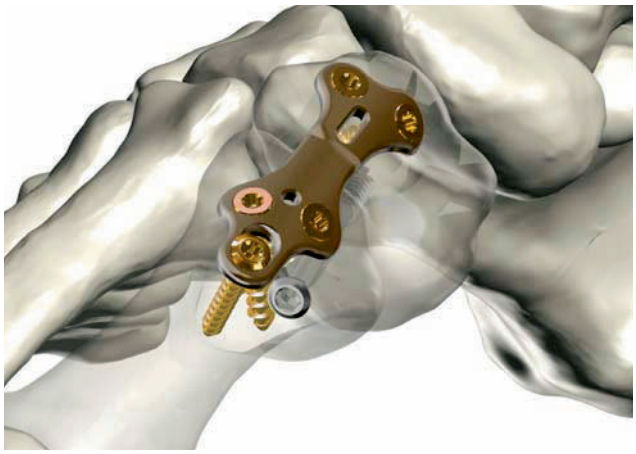
TIP: When completing final screw positions, all screws used on axis (locking screws) should sit with the head flush to the outer plate profile.



Across Joint Compression

The system includes a 3.5mm cannulated compression screw which can be used to provide additional, across joint, mechanical compression and stabilisation.

Screw trajectory is determined by firing a K-Wire, with imaging, across the joint site.

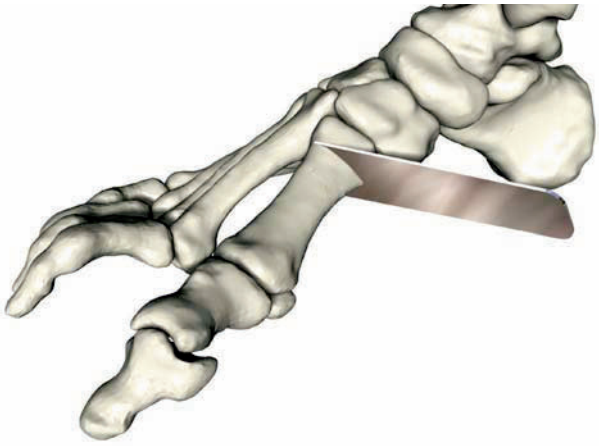


The required length of the 3.5mm cannulated compression screw is established using the depth gauge provided. Advance the screw so the head is flush and taking care not to fracture the cortex. The construct provides the stability of plate fixation and screw compression across the joint with lag effect.

4. Opening Wedge Surgical Procedure

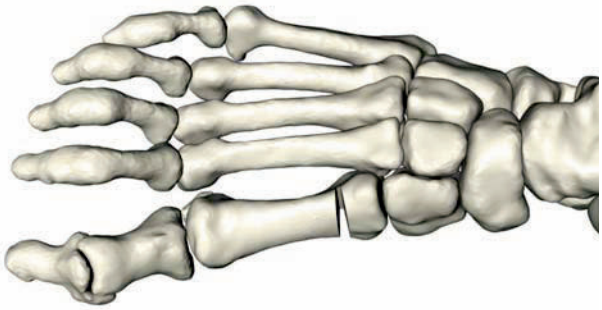
The Opening Wedge Locking Plate and Opening Wedge Osteotomy Plates are indicated for proximal (Basal) osteotomies offering high corrective power of the Inter-Metatarso angle for moderate and severe deformities due to their proximal location providing a long lever arm, and the plate's incremental spacer wedges.

The Ultos™ Opening Wedge Locking Plates and Opening Wedge Osteotomy Plates are available in six sizes with wedges ranging from 0mm to 7mm (The 0mm plate can be used for stable osteotomy fixation where no correction is required).



According to surgeon preference, one or two incisions are performed from the Tarsometatarsal (TMT) joint to the Metatarsophalangeal joint (MTP) taking care to retract all surrounding tissue.

Identify the reference point for the osteotomy using a K-wire and fluoroscopy, typically ±15 mm distal to the first TMT. The osteotomy should be performed in a medial to lateral direction and perpendicular to the metatarsal axis and only to a depth of approximately 70% of the metatarsal. The lateral cortical wall must remain intact.

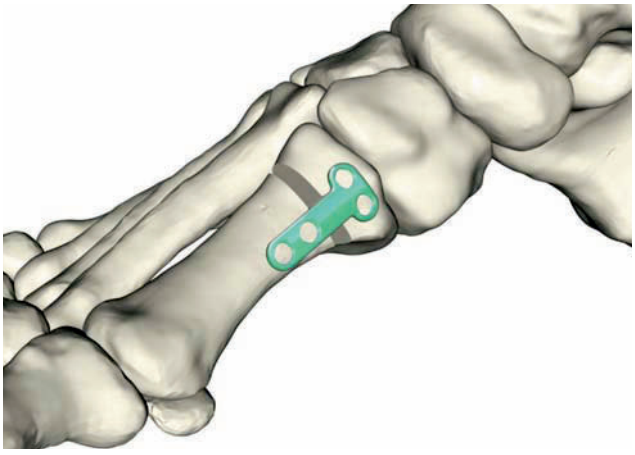


According to surgeon preference an osteotome may be used to open the osteotomy until the appropriate correction is reached. Care must be taken to maintain the integrity of the lateral cortex.

Plate Selection

The Ultos™ System offers Opening Wedge Plates with multiple wedge sizes and selection is based on the surgical correction required.

With the osteotomy open, position the plate on the bone with the wedge inserted medially.



TIP: Temporary fixation of the plate (pre-drilling), can be achieved by inserting a K-Wire into any of the locking screw holes.

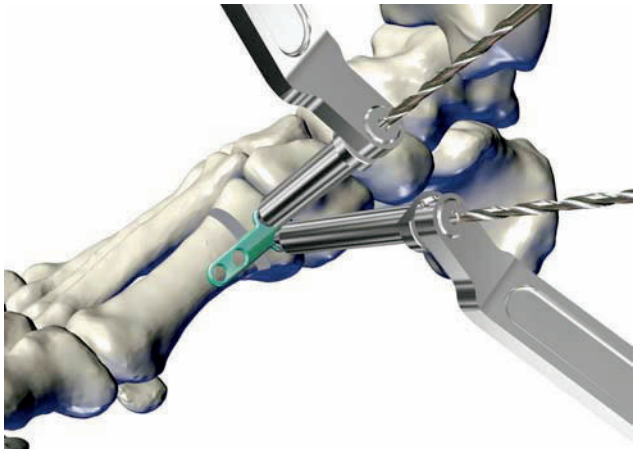


Plate Fixation

Perform drilling for either 2.7mm or 3.5mm screws using the appropriate drill guide.

TIP: All screw positions accept both 2.7mm or 3.5mm locking or non locking screws however it is recommended, to prevent soft tissue irritation, to use locking, on-axis screws with the Opening Wedge Plates.

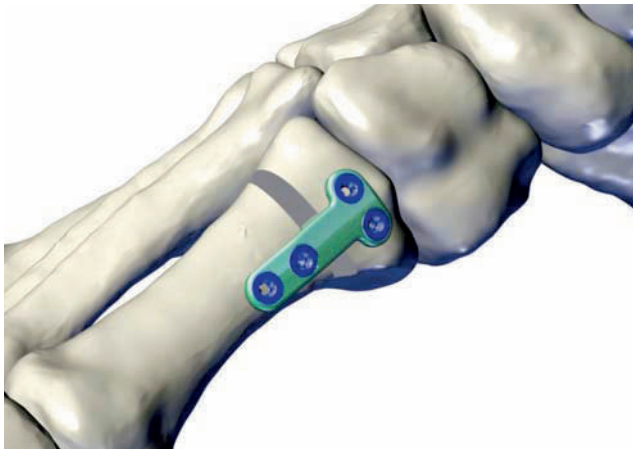
TIP: A non locking screw can be inserted prior to insertion of all locking screws to ensure plate is flush with bone surface.

Following measurement with the depth gauge to determine the appropriate length, insert the two proximal, on-axis locking screws.

To prevent soft tissue irritation, it is recommended to to use locking, on-axis screws with the Opening Wedge Plates.

Remove the temporary fixation wires (if used) and using the technique described above; insert the remaining distal locking screws.

All screws should sit flush in the plate so as not to cause soft tissue irritation.



5. Medial Displacement Calcaneal Osteotomy Procedure

The Calcaneal Step Plates are indicated for fixation of a medial slide displacement osteotomy. The plate design allows a well controlled shift of the posterior fragment in displacement calcaneal osteotomies, creating a firm buttress to prevent sliding. Additional rotational stability is achieved by means of a 3.5mm cannulated screw advanced through the plate and across the osteotomy site. The Calcaneal Step Plates are available in three sizes with steps of 8mm, 10mm and 12mm.

Exposure and Joint Preparation

The surgical approach is according to surgeon preference and typically through a traditional open approach.

TIP: Hohmann retractors help to protect the blood vessels or nerves on the medial side.

TIP: Using appropriate osteotomes or nibblers, create the channel in the anterior calcaneus to accommodate the plate thickness.

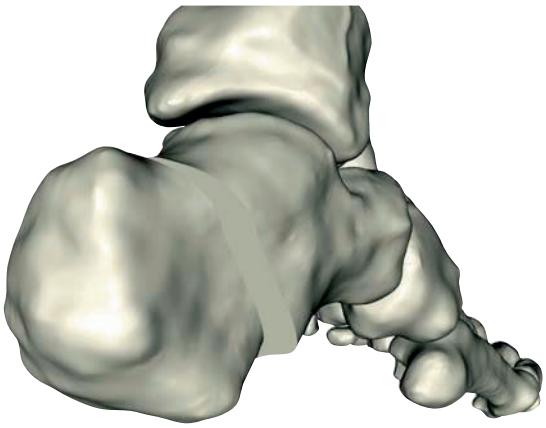


Plate Selection

The Ultos™ System offers Calcaneal Step Plates with multiple step sizes of 8mm, 10mm and 12mm. Selection is based on the surgical correction required. With the posterior calcaneum displaced the plate should sit flush on both aspects of the medial calcaneum cortex.

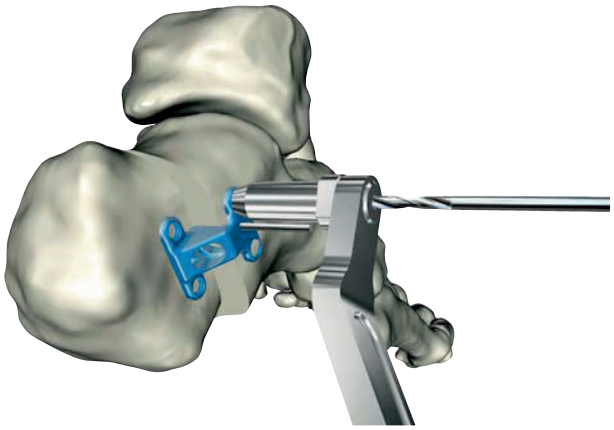
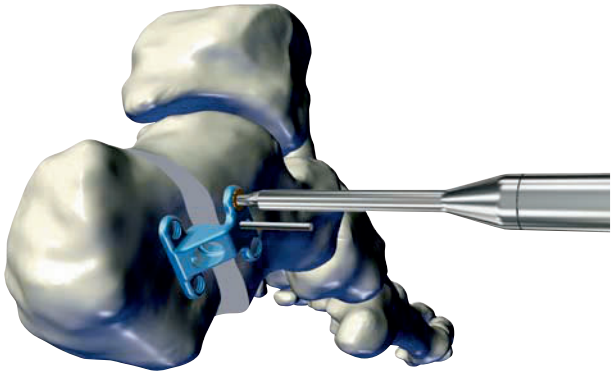


Plate Fixation

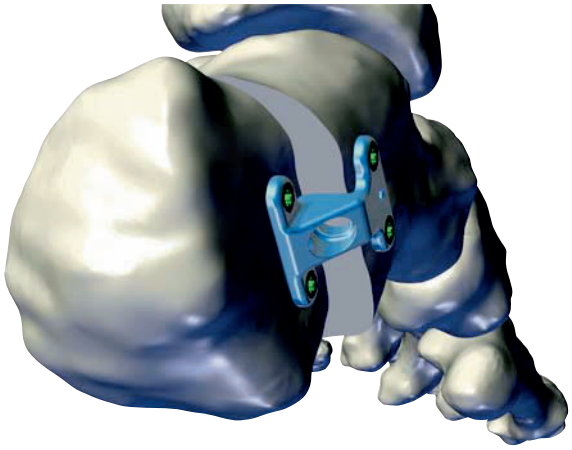
Perform drilling for either 2.7mm or 3.5mm screws using the appropriate drill guide.

TIP: All screw positions accept both 2.7mm or 3.5mm locking or non locking screws, however it is recommended, to prevent soft tissue irritation, to use locking, on-axis screws with the Calcaneal Step Plate.

TIP: A non locking screw can be inserted prior to insertion of all locking screws to ensure plate is flush with bone surface.

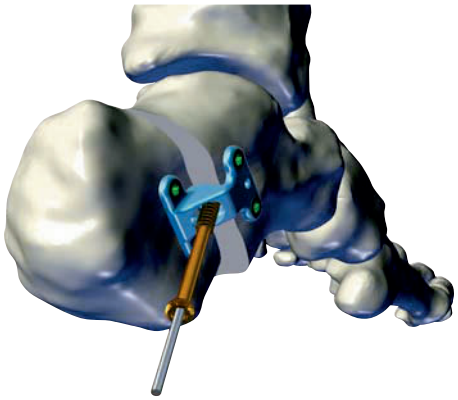


Following measurement with the depth gauge to determine the appropriate length, insert the two proximal, on-axis locking screws.



To prevent soft tissue irritation, it is recommended to to use locking, on-axis screws with the Calcaneal Step Plate. Ensure screw heads are seated sub-flush with plate profile.

Using the technique described above; insert the remaining locking screws. All screws should sit flush in the plate so as not to cause soft tissue irritation.



Additional Stability

Additional stability is achieved by inserting a 3.5mm cannulated screw across the resection site.
sThe trajectory of the screw is predetermined with a K-Wire and image guidance. The depth gauge should then be used to predetermine the required screw length.

It is important that the 3.5mm cannulated screw does not penetrate the subtalar joint.

UltOS Plating System Product Listing

Instruments

OS Code	OS Description	Qty/Pack	Sterility
OS328100-NS	UltOS STERILISATION TRAY + LID	1	NON-STERILE
OS328001-NS	UltOS 2.7/3.5MM DEPTH GAUGE	1	NON-STERILE
OS328004-NS	UltOS 3.5MM BENDING IRON/SCREW HOLDING FORK	1	NON-STERILE
OS328005-NS	UltOS 2.7/3.5MM DRILL GUIDE HOLDER	1	NON-STERILE
OS428006-NS	UltOS 2.7MM DRILL GUIDE	2	NON-STERILE
OS428006S-NS	UltOS 2.7MM DRILL GUIDE SHORT	2	NON-STERILE
OS328007-NS	UltOS 3.5MM DRILL GUIDE	2	NON-STERILE
OS328007S-NS	UltOS 3.5MM DRILL GUIDE SHORT	2	NON-STERILE
OS328008-NS	UltOS 3.5MM PARALLEL PLATE BENDING PLIERS	1	NON-STERILE
OS328009-NS	UltOS 2.7MM PLATE BENDING PLIERS	1	NON-STERILE
OS328012-NS	UltOS PLATE FORCEPS	1	NON-STERILE
OS328016-NS	UltOS 3.5MM CANN. SCREW GUIDE WIRE DEPTH GAUGE	1	NON-STERILE
OS328025-NS	UltOS T8 TORX DRIVER	1	NON-STERILE
OS328021-NS	UltOS 2.5 A/F HEX DRIVER	1	NON-STERILE
OS423019-NS	COMPRESSION DISTRACTION DEVICE SMALL	1	NON-STERILE

Disposables - Sterile Packed

OS Code	OS Description	Qty/Pack	Sterility
OS200020LC	DRILL BIT 2.0MM X 123MM CALIBRATED	2	STERILE
OS200025LC	DRILL BIT 2.5MM X 143MM CALIBRATED	2	STERILE
OS292110	K-WIRE TROCAR TIP 1.1MM X 150MM	4	STERILE
OS216150	K-WIRE DOUBLE TROCAR 1.6MM x 150MM	4	STERILE
OS218150	K-WIRE DOUBLE TROCAR 1.8MM x 150MM	4	STERILE
OS200120L	AO QC DRILL BIT 2.0/125/100	2	STERILE
OS200125L	AO QC DRILL BIT 2.5/180/155 (GOLD)	2	STERILE
OS200325	3.5MM CANN. SCREW CANNULATED DRILL 2.5MM	2	STERILE
OS328017	3.5MM CANN. SCREW CANNULATED COUNTERSINK	2	STERILE
OS292200	K-WIRE TROCAR TIP 2.0MM X 150MM	4	STERILE

Screws - Sterile Packed

OS Code	OS Description	Qty/Pack	Sterility
OS422608-S	UltOS 2.7MM NON-LOCKING SCREW 8MM	2	STERILE
OS422610-S	UltOS 2.7MM NON-LOCKING SCREW 10MM	2	STERILE
OS422612-S	UltOS 2.7MM NON-LOCKING SCREW 12MM	2	STERILE
OS422614-S	UltOS 2.7MM NON-LOCKING SCREW 14MM	2	STERILE
OS422616-S	UltOS 2.7MM NON-LOCKING SCREW 16MM	2	STERILE
OS422618-S	UltOS 2.7MM NON-LOCKING SCREW 18MM	2	STERILE
OS422620-S	UltOS 2.7MM NON-LOCKING SCREW 20MM	2	STERILE
OS422622-S	UltOS 2.7MM NON-LOCKING SCREW 22MM	2	STERILE
OS422624-S	UltOS 2.7MM NON-LOCKING SCREW 24MM	2	STERILE
OS422626-S	UltOS 2.7MM NON-LOCKING SCREW 26MM	2	STERILE
OS422628-S	UltOS 2.7MM NON-LOCKING SCREW 28MM	2	STERILE
OS422630-S	UltOS 2.7MM NON-LOCKING SCREW 30MM	2	STERILE
OS422508-S	UltOS 2.7MM LOCKING SCREW 8MM	4	STERILE
OS422510-S	UltOS 2.7MM LOCKING SCREW 10MM	4	STERILE
OS422512-S	UltOS 2.7MM LOCKING SCREW 12MM	4	STERILE
OS422514-S	UltOS 2.7MM LOCKING SCREW 14MM	4	STERILE
OS422516-S	UltOS 2.7MM LOCKING SCREW 16MM	4	STERILE
OS422518-S	UltOS 2.7MM LOCKING SCREW 18MM	4	STERILE
OS422520-S	UltOS 2.7MM LOCKING SCREW 20MM	4	STERILE
OS422522-S	UltOS 2.7MM LOCKING SCREW 22MM	4	STERILE
OS422524-S	UltOS 2.7MM LOCKING SCREW 24MM	4	STERILE
OS422526-S	UltOS 2.7MM LOCKING SCREW 26MM	4	STERILE
OS422528-S	UltOS 2.7MM LOCKING SCREW 28MM	4	STERILE
OS422530-S	UltOS 2.7MM LOCKING SCREW 30MM	4	STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS421814-S	UltOS 3.5MM NON-LOCKING SCREW 14MM	2	STERILE
OS421816-S	UltOS 3.5MM NON-LOCKING SCREW 16MM	2	STERILE
OS421818-S	UltOS 3.5MM NON-LOCKING SCREW 18MM	2	STERILE
OS421820-S	UltOS 3.5MM NON-LOCKING SCREW 20MM	2	STERILE
OS421822-S	UltOS 3.5MM NON-LOCKING SCREW 22MM	2	STERILE
OS421824-S	UltOS 3.5MM NON-LOCKING SCREW 24MM	2	STERILE
OS421826-S	UltOS 3.5MM NON-LOCKING SCREW 26MM	2	STERILE
OS421828-S	UltOS 3.5MM NON-LOCKING SCREW 28MM	2	STERILE
OS421830-S	UltOS 3.5MM NON-LOCKING SCREW 30MM	2	STERILE
OS421835-S	UltOS 3.5MM NON-LOCKING SCREW 35MM	2	STERILE
OS421840-S	UltOS 3.5MM NON-LOCKING SCREW 40MM	2	STERILE
OS421845-S	UltOS 3.5MM NON-LOCKING SCREW 45MM	2	STERILE
OS421850-S	UltOS 3.5MM NON-LOCKING SCREW 50MM	2	STERILE
OS421710-S	UltOS 3.5MM LOCKING SCREW 10MM	4	STERILE
OS421712-S	UltOS 3.5MM LOCKING SCREW 12MM	4	STERILE
OS421714-S	UltOS 3.5MM LOCKING SCREW 14MM	4	STERILE
OS421716-S	UltOS 3.5MM LOCKING SCREW 16MM	4	STERILE
OS421718-S	UltOS 3.5MM LOCKING SCREW 18MM	4	STERILE
OS421720-S	UltOS 3.5MM LOCKING SCREW 20MM	4	STERILE
OS421722-S	UltOS 3.5MM LOCKING SCREW 22MM	4	STERILE
OS421724-S	UltOS 3.5MM LOCKING SCREW 24MM	4	STERILE
OS421726-S	UltOS 3.5MM LOCKING SCREW 26MM	4	STERILE
OS421728-S	UltOS 3.5MM LOCKING SCREW 28MM	4	STERILE
OS421730-S	UltOS 3.5MM LOCKING SCREW 30MM	4	STERILE
OS421735-S	UltOS 3.5MM LOCKING SCREW 35MM	4	STERILE
OS421740-S	UltOS 3.5MM LOCKING SCREW 40MM	4	STERILE
OS421745-S	UltOS 3.5MM LOCKING SCREW 45MM	4	STERILE
OS421750-S	UltOS 3.5MM LOCKING SCREW 50MM	4	STERILE
OS326925-S	3.5MM X 25MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326928-S	3.5MM X 28MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326930-S	3.5MM X 30MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326932-S	3.5MM X 32MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326934-S	3.5MM X 34MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326936-S	3.5MM X 36MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS326938-S	3.5MM X 38MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326940-S	3.5MM X 40MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326945-S	3.5MM X 45MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326950-S	3.5MM X 50MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326955-S	3.5MM X 55MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326960-S	3.5MM X 60MM CANNULATED SCREW SELF DRILL/TAP	4	STERILE
OS326900-S	FPS 3.5MM WASHER	2	STERILE

Screws - Included in USA Tray only

OS Code	OS Description	Qty/Pack	Sterility
OS328103A-NS	UltOS 2.7MM NON-LOCKING SCREW CADDY	1	NON-STERILE
OS422608-NS	UltOS 2.7MM NON-LOCKING SCREW 8MM	4	NON-STERILE
OS422610-NS	UltOS 2.7MM NON-LOCKING SCREW 10MM	4	NON-STERILE
OS422612-NS	UltOS 2.7MM NON-LOCKING SCREW 12MM	4	NON-STERILE
OS422614-NS	UltOS 2.7MM NON-LOCKING SCREW 14MM	4	NON-STERILE
OS422616-NS	UltOS 2.7MM NON-LOCKING SCREW 16MM	4	NON-STERILE
OS422618-NS	UltOS 2.7MM NON-LOCKING SCREW 18MM	4	NON-STERILE
OS422620-NS	UltOS 2.7MM NON-LOCKING SCREW 20MM	4	NON-STERILE
OS422622-NS	UltOS 2.7MM NON-LOCKING SCREW 22MM	4	NON-STERILE
OS422624-NS	UltOS 2.7MM NON-LOCKING SCREW 24MM	4	NON-STERILE
OS422626-NS	UltOS 2.7MM NON-LOCKING SCREW 26MM	4	NON-STERILE
OS422628-NS	UltOS 2.7MM NON-LOCKING SCREW 28MM	4	NON-STERILE
OS422630-NS	UltOS 2.7MM NON-LOCKING SCREW 30MM	4	NON-STERILE
OS328103-NS	UltOS 2.7MM LOCKING SCREW CADDY	1	NON-STERILE
OS422508-NS	UltOS 2.7MM LOCKING SCREW 8MM	4	NON-STERILE
OS422510-NS	UltOS 2.7MM LOCKING SCREW 10MM	4	NON-STERILE
OS422512-NS	UltOS 2.7MM LOCKING SCREW 12MM	4	NON-STERILE
OS422514-NS	UltOS 2.7MM LOCKING SCREW 14MM	4	NON-STERILE
OS422516-NS	UltOS 2.7MM LOCKING SCREW 16MM	4	NON-STERILE
OS422518-NS	UltOS 2.7MM LOCKING SCREW 18MM	4	NON-STERILE
OS422520-NS	UltOS 2.7MM LOCKING SCREW 20MM	4	NON-STERILE
OS422522-NS	UltOS 2.7MM LOCKING SCREW 22MM	4	NON-STERILE
OS422524-NS	UltOS 2.7MM LOCKING SCREW 24MM	4	NON-STERILE
OS422524-NS	UltOS 2.7MM LOCKING SCREW 24MM	4	NON-STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS422526-NS	UltOS 2.7MM LOCKING SCREW 26MM	4	NON-STERILE
OS422528-NS	UltOS 2.7MM LOCKING SCREW 28MM	4	NON-STERILE
OS422530-NS	UltOS 2.7MM LOCKING SCREW 30MM	4	NON-STERILE
OS328104A-NS	UltOS 3.5MM NON-LOCKING SCREW CADDY	1	NON-STERILE
OS421814-NS	UltOS 3.5MM NON-LOCKING SCREW 14MM	4	NON-STERILE
OS421816-NS	UltOS 3.5MM NON-LOCKING SCREW 16MM	4	NON-STERILE
OS421818-NS	UltOS 3.5MM NON-LOCKING SCREW 18MM	4	NON-STERILE
OS421820-NS	UltOS 3.5MM NON-LOCKING SCREW 20MM	4	NON-STERILE
OS421822-NS	UltOS 3.5MM NON-LOCKING SCREW 22MM	4	NON-STERILE
OS421824-NS	UltOS 3.5MM NON-LOCKING SCREW 24MM	4	NON-STERILE
OS421826-NS	UltOS 3.5MM NON-LOCKING SCREW 26MM	4	NON-STERILE
OS421828-NS	UltOS 3.5MM NON-LOCKING SCREW 28MM	4	NON-STERILE
OS421830-NS	UltOS 3.5MM NON-LOCKING SCREW 30MM	4	NON-STERILE
OS421835-NS	UltOS 3.5MM NON-LOCKING SCREW 35MM	4	NON-STERILE
OS421840-NS	UltOS 3.5MM NON-LOCKING SCREW 40MM	4	NON-STERILE
OS421845-NS	UltOS 3.5MM NON-LOCKING SCREW 45MM	4	NON-STERILE
OS421850-NS	UltOS 3.5MM NON-LOCKING SCREW 50MM	4	NON-STERILE
OS328104-NS	UltOS 3.5MM LOCKING SCREW CADDY	1	NON-STERILE
OS421710-NS	UltOS 3.5MM LOCKING SCREW 10MM	4	NON-STERILE
OS421712-NS	UltOS 3.5MM LOCKING SCREW 12MM	4	NON-STERILE
OS421714-NS	UltOS 3.5MM LOCKING SCREW 14MM	4	NON-STERILE
OS421716-NS	UltOS 3.5MM LOCKING SCREW 16MM	4	NON-STERILE
OS421718-NS	UltOS 3.5MM LOCKING SCREW 18MM	4	NON-STERILE
OS421720-NS	UltOS 3.5MM LOCKING SCREW 20MM	4	NON-STERILE
OS421722-NS	UltOS 3.5MM LOCKING SCREW 22MM	4	NON-STERILE
OS421724-NS	UltOS 3.5MM LOCKING SCREW 24MM	4	NON-STERILE
OS421726-NS	UltOS 3.5MM LOCKING SCREW 26MM	4	NON-STERILE
OS421728-NS	UltOS 3.5MM LOCKING SCREW 28MM	4	NON-STERILE
OS421730-NS	UltOS 3.5MM LOCKING SCREW 30MM	4	NON-STERILE
OS421735-NS	UltOS 3.5MM LOCKING SCREW 35MM	4	NON-STERILE
OS421740-NS	UltOS 3.5MM LOCKING SCREW 40MM	4	NON-STERILE
OS421745-NS	UltOS 3.5MM LOCKING SCREW 45MM	4	NON-STERILE
OS421750-NS	UltOS 3.5MM LOCKING SCREW 50MM	4	NON-STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS328105-NS	UltOS 3.5MM CANNULATED SCREW CADDY	1	NON-STERILE
OS326925-NS	3.5MM X 25MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326928-NS	3.5MM X 28MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326930-NS	3.5MM X 30MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326932-NS	3.5MM X 32MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326934-NS	3.5MM X 34MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326936-NS	3.5MM X 36MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326938-NS	3.5MM X 38MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326940-NS	3.5MM X 40MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326945-NS	3.5MM X 45MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326950-NS	3.5MM X 50MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326955-NS	3.5MM X 55MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326960-NS	3.5MM X 60MM CANNULATED SCREW SELF DRILL/TAP	4	NON-STERILE
OS326900-NS	FPS 3.5MM WASHER	2	NON-STERILE

Plates - Sterile Packed

OS Code	OS Description	Qty/Pack	Sterility
OS421300-S	UltOS ARTHRODESIS WEDGE PLATE 0MM	1	STERILE
OS421302-S	UltOS ARTHRODESIS WEDGE PLATE 2MM	1	STERILE
OS421304-S	UltOS ARTHRODESIS WEDGE PLATE 4MM	1	STERILE
OS421306-S	UltOS ARTHRODESIS WEDGE PLATE 6MM	1	STERILE
OS421308-S	UltOS ARTHRODESIS WEDGE PLATE 8MM	1	STERILE
OS422400-S	UltOS OPENING WEDGE LOCKING PLATE 0MM	1	STERILE
OS422403-S	UltOS OPENING WEDGE LOCKING PLATE 3MM	1	STERILE
OS422404-S	UltOS OPENING WEDGE LOCKING PLATE 4MM	1	STERILE
OS422405-S	UltOS OPENING WEDGE LOCKING PLATE 5MM	1	STERILE
OS422406-S	UltOS OPENING WEDGE LOCKING PLATE 6MM	1	STERILE
OS422407-S	UltOS OPENING WEDGE LOCKING PLATE 7MM	1	STERILE
OS42260LL-S	UltOS MTP PLATE LARGE LEFT	1	STERILE
OS42260LR-S	UltOS MTP PLATE LARGE RIGHT	1	STERILE
OS42260ML-S	UltOS MTP PLATE MEDIUM LEFT	1	STERILE
OS42260MR-S	UltOS MTP PLATE MEDIUM RIGHT	1	STERILE
OS42260SL-S	UltOS MTP PLATE SMALL LEFT	1	STERILE
OS42260SR-S	UltOS MTP PLATE SMALL RIGHT	1	STERILE
OS42260XSL-S	ULTOS MTP PLATE EXTRA SMALL LEFT	1	STERILE
OS42260XSR-S	ULTOS MTP PLATE EXTRA SMALL RIGHT	1	STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS422702-S	UltOS GENERAL FUSION STRAIGHT PLATE 2 HOLE	1	STERILE
OS422703-S	UltOS GENERAL FUSION STRAIGHT PLATE 3 HOLE	1	STERILE
OS422712-S	UltOS GENERAL FUSION T PLATE 3 HOLE	1	STERILE
OS422714-S	UltOS GENERAL FUSION T PLATE 4 HOLE	1	STERILE
OS422716-S	UltOS GENERAL FUSION T PLATE 6 HOLE	1	STERILE
OS422800-S	UltOS OPENING WEDGE PLATE 0MM	1	STERILE
OS422803-S	UltOS OPENING WEDGE PLATE 3MM	1	STERILE
OS422804-S	UltOS OPENING WEDGE PLATE 4MM	1	STERILE
OS422805-S	UltOS OPENING WEDGE PLATE 5MM	1	STERILE
OS422807-S	UltOS OPENING WEDGE PLATE 7MM	1	STERILE
OS422825-S	UltOS OPENING WEDGE PLATE 2.5MM	1	STERILE
OS421000L-S	UltOS LAPIDUS PLATE 0MM LEFT	1	STERILE
OS421000R-S	UltOS LAPIDUS PLATE 0MM RIGHT	1	STERILE
OS421002L-S	UltOS LAPIDUS PLATE 2MM LEFT	1	STERILE
OS421002R-S	UltOS LAPIDUS PLATE 2MM RIGHT	1	STERILE
OS421004L-S	UltOS LAPIDUS PLATE 4MM LEFT	1	STERILE
OS421004R-S	UltOS LAPIDUS PLATE 4MM RIGHT	1	STERILE
OS421006L-S	UltOS LAPIDUS PLATE 6MM LEFT	1	STERILE
OS421006R-S	UltOS LAPIDUS PLATE 6MM RIGHT	1	STERILE
OS421112-S	UltOS UNIVERSAL LOCKING PLATE 12MM	1	STERILE
OS421116-S	UltOS UNIVERSAL LOCKING PLATE 16MM	1	STERILE
OS421120-S	UltOS UNIVERSAL LOCKING PLATE 20MM	1	STERILE
OS421124-S	UltOS UNIVERSAL LOCKING PLATE 24MM	1	STERILE
OS421130-S	UltOS UNIVERSAL LOCKING PLATE 30MM	1	STERILE
OS421406-S	UltOS REARFOOT RECON PLATE 6 HOLE	1	STERILE
OS421408-S	UltOS REARFOOT RECON PLATE 8 HOLE	1	STERILE
OS421414-S	UltOS REARFOOT RECON PLATE 14 HOLE	1	STERILE
OS42150L-S	UltOS GENERAL FUSION X PLATE L	1	STERILE
OS42150M-S	UltOS GENERAL FUSION X PLATE M	1	STERILE
OS42150S-S	UltOS GENERAL FUSION X PLATE S	1	STERILE
OS42150XS-S	UltOS GENERAL FUSION X PLATE XS	1	STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS421512-S	UltOS TARSAL FUSION PLATE 12MM	1	STERILE
OS421514-S	UltOS TARSAL FUSION PLATE 14MM	1	STERILE
OS421516-S	UltOS TARSAL FUSION PLATE 16MM	1	STERILE
OS421208-S	UltOS CALCANEAL STEP PLATE 8MM	1	STERILE
OS421210-S	UltOS CALCANEAL STEP PLATE 10MM	1	STERILE
OS421212-S	UltOS CALCANEAL STEP PLATE 12MM	1	STERILE

Plates - Included in UK & USA Tray

OS Code	OS Description	Qty/Pack	Sterility
OS328101A-NS	UltOS PLATE CADDY A	1	NON-STERILE
OS421300-NS	UltOS ARTHRODESIS WEDGE PLATE 0MM	1	NON-STERILE
OS421302-NS	UltOS ARTHRODESIS WEDGE PLATE 2MM	1	NON-STERILE
OS421304-NS	UltOS ARTHRODESIS WEDGE PLATE 4MM	1	NON-STERILE
OS421306-NS	UltOS ARTHRODESIS WEDGE PLATE 6MM	1	NON-STERILE
OS421308-NS	UltOS ARTHRODESIS WEDGE PLATE 8MM	1	NON-STERILE
OS422400-NS	UltOS OPENING WEDGE LOCKING PLATE 0MM	1	NON-STERILE
OS422403-NS	UltOS OPENING WEDGE LOCKING PLATE 3MM	1	NON-STERILE
OS422404-NS	UltOS OPENING WEDGE LOCKING PLATE 4MM	1	NON-STERILE
OS422405-NS	UltOS OPENING WEDGE LOCKING PLATE 5MM	1	NON-STERILE
OS422406-NS	UltOS OPENING WEDGE LOCKING PLATE 6MM	1	NON-STERILE
OS422407-NS	UltOS OPENING WEDGE LOCKING PLATE 7MM	1	NON-STERILE
OS42260LL-NS	UltOS MTP PLATE LARGE LEFT	1	NON-STERILE
OS42260LR-NS	UltOS MTP PLATE LARGE RIGHT	1	NON-STERILE
OS42260ML-NS	UltOS MTP PLATE MEDIUM LEFT	1	NON-STERILE
OS42260MR-NS	UltOS MTP PLATE MEDIUM RIGHT	1	NON-STERILE
OS42260SL-NS	UltOS MTP PLATE SMALL LEFT	1	NON-STERILE
OS42260SR-NS	UltOS MTP PLATE SMALL RIGHT	1	NON-STERILE
OS42260XSL-NS	ULTOS MTP PLATE EXTRA SMALL LEFT	1	NON-STERILE
OS42260XSR-NS	ULTOS MTP PLATE EXTRA SMALL RIGHT	1	NON-STERILE
OS422702-NS	UltOS GENERAL FUSION STRAIGHT PLATE 2 HOLE	1	NON-STERILE
OS422703-NS	UltOS GENERAL FUSION STRAIGHT PLATE 3 HOLE	1	NON-STERILE
OS422712-NS	UltOS GENERAL FUSION T PLATE 3 HOLE	1	NON-STERILE
OS422714-NS	UltOS GENERAL FUSION T PLATE 4 HOLE	1	NON-STERILE
OS422716-NS	UltOS GENERAL FUSION T PLATE 6 HOLE	1	NON-STERILE

OS Code	OS Description	Qty/Pack	Sterility
OS422800-NS	UltOS OPENING WEDGE PLATE 0MM	1	NON-STERILE
OS422803-NS	UltOS OPENING WEDGE PLATE 3MM	1	NON-STERILE
OS422804-NS	UltOS OPENING WEDGE PLATE 4MM	1	NON-STERILE
OS422805-NS	UltOS OPENING WEDGE PLATE 5MM	1	NON-STERILE
OS422807-NS	UltOS OPENING WEDGE PLATE 7MM	1	NON-STERILE
OS422825-NS	UltOS OPENING WEDGE PLATE 2.5MM	1	NON-STERILE
OS328101B-NS	UltOS PLATE CADDY B	1	NON-STERILE
OS421000L-NS	UltOS LAPIDUS PLATE 0MM LEFT	1	NON-STERILE
OS421000R-NS	UltOS LAPIDUS PLATE 0MM RIGHT	1	NON-STERILE
OS421002L-NS	UltOS LAPIDUS PLATE 2MM LEFT	1	NON-STERILE
OS421002R-NS	UltOS LAPIDUS PLATE 2MM RIGHT	1	NON-STERILE
OS421004L-NS	UltOS LAPIDUS PLATE 4MM LEFT	1	NON-STERILE
OS421004R-NS	UltOS LAPIDUS PLATE 4MM RIGHT	1	NON-STERILE
OS421006L-NS	UltOS LAPIDUS PLATE 6MM LEFT	1	NON-STERILE
OS421006R-NS	UltOS LAPIDUS PLATE 6MM RIGHT	1	NON-STERILE
OS421112-NS	UltOS UNIVERSAL LOCKING PLATE 12MM	1	NON-STERILE
OS421116-NS	UltOS UNIVERSAL LOCKING PLATE 16MM	1	NON-STERILE
OS421120-NS	UltOS UNIVERSAL LOCKING PLATE 20MM	1	NON-STERILE
OS421124-NS	UltOS UNIVERSAL LOCKING PLATE 24MM	1	NON-STERILE
OS421130-NS	UltOS UNIVERSAL LOCKING PLATE 30MM	1	NON-STERILE
OS421406-NS	UltOS REARFOOT RECON PLATE 6 HOLE	1	NON-STERILE
OS421408-NS	UltOS REARFOOT RECON PLATE 8 HOLE	1	NON-STERILE
OS421414-NS	UltOS REARFOOT RECON PLATE 14 HOLE	1	NON-STERILE
OS42150L-NS	UltOS GENERAL FUSION X PLATE L	1	NON-STERILE
OS42150M-NS	UltOS GENERAL FUSION X PLATE M	1	NON-STERILE
OS42150S-NS	UltOS GENERAL FUSION X PLATE S	1	NON-STERILE
OS42150XS-NS	UltOS GENERAL FUSION X PLATE XS	1	NON-STERILE
OS421512-NS	UltOS TARSAL FUSION PLATE 12MM	1	NON-STERILE
OS421514-NS	UltOS TARSAL FUSION PLATE 14MM	1	NON-STERILE
OS421516-NS	UltOS TARSAL FUSION PLATE 16MM	1	NON-STERILE
OS421208-NS	UltOS CALCANEAL STEP PLATE 8MM	1	NON-STERILE
OS421210-NS	UltOS CALCANEAL STEP PLATE 10MM	1	NON-STERILE
OS421212-NS	UltOS CALCANEAL STEP PLATE 12MM	1	NON-STERILE

Notes

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Indicates the need for the user to consult the Instructions For Use. The surgeon must be fully trained in the surgical technique.

Rx only

Caution: Federal law (USA) restricts this device to sales by or on the order of a Physician.

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OS TD 00459_18 - Rev 02 - Effective Date: Jul-19