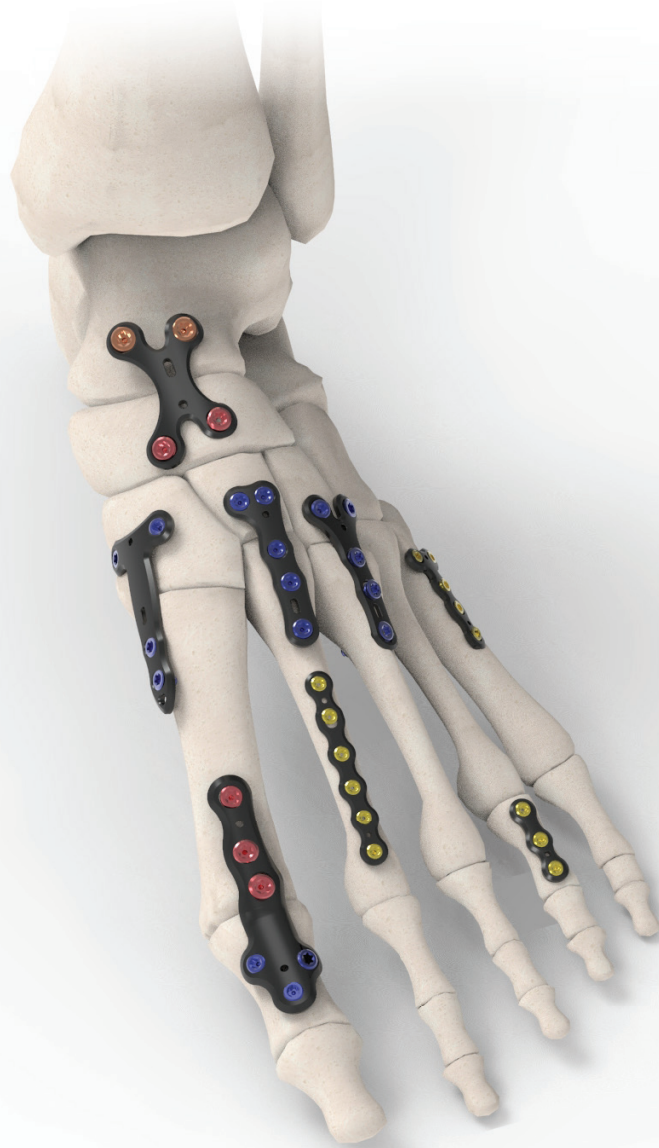


BIOLOGICALLY ORIENTED PROSTHESES

BIOPRO

Foot Plating System



Surgical Technique

Table of Contents

Indications & Contraindications	1
System Overview	2-10
General Plating Technique	11-15
Common Plating Options	16
Tray Overview & Ordering	17-27

Warning

This surgical technique alone does not provide sufficient background for the direct use of the instrument and implant set. Instruction by a surgeon experienced in handling these instruments is highly recommended.

For safe and effective use of this implant system, the surgeon should be familiar with this recommended surgical technique for the device that has been chosen from the system.

In every case, an accepted surgical practice should be followed in postoperative care and the patient should be made aware of the devices and the allowed activities with these implants.

Indications & Contraindications

Indications for use

The intended use of the BioPro Foot Plating System is to draw two or more aligned bone fragments together to facilitate healing in an adult patient. It is composed of the following bone plate categories:

I. Forefoot System:

The BioPro Forefoot Plating System is indicated for use in fixation of small bones and small bone fragments in the foot (Phalanges and Metatarsals) for stabilization of fractures, joint fusions, osteotomies, nonunions, malunions, reconstruction of small bones, revision surgeries and replantations in an adult patient. The Forefoot System is not for Spinal Use.

II. Mid & Hindfoot System:

The BioPro Mid & Hindfoot Plating System is indicated for use in fixation of medium/large bones and medium/large bone multi-fragments in the foot (Cuneiform, Cuboid, Navicular, Talus and Calcaneus) for stabilization of fractures, joint fusions, osteotomies, nonunions, malunions, reconstruction of medium/large bones, revision surgeries and replantations in an adult patient. The Mid & Hindfoot System is not for Spinal Use.

Contra-indications for use

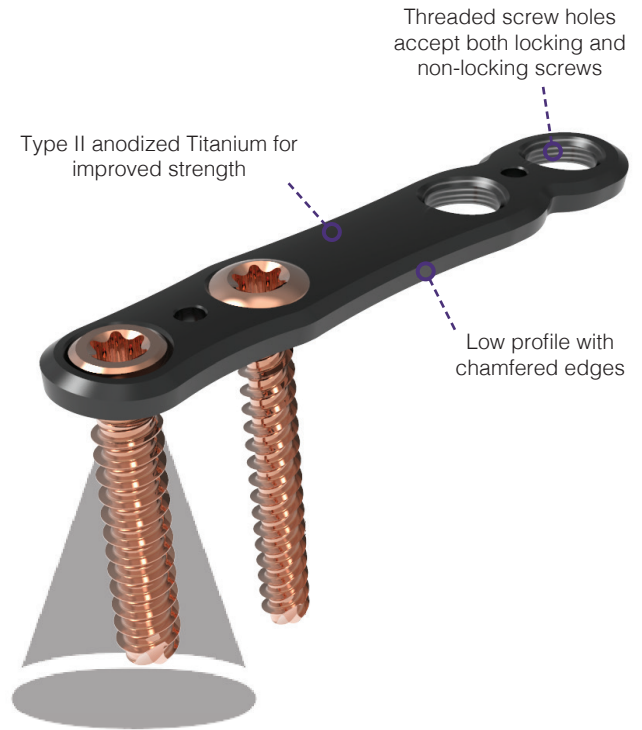
1. Infection.
2. Patient conditions including blood supply limitations, obesity and insufficient quantity or quality of bone.
3. Patients with mental or neurologic conditions who are unwilling or incapable of following postoperative care instructions.
4. Foreign body sensitivity. If material sensitivity is suspected, testing is required prior to implanting the device.

System Overview

A comprehensive plating system merges modern technology with plating basics. The system includes 45 universal plates as well as indication specific plating families. The plates feature MVA (multiple variable angle) locking technology that allows screws to lock into the plate up to 25 degrees.

Low profile plates ranging from 1.3 to 1.8mm thickness feature chamfered edges to minimize soft tissue irritation, while type II anodization provides superior strength.

The intuitive, modular tray design and color-coded instrumentation allows surgeons to use one tray to implant any plate in the system.

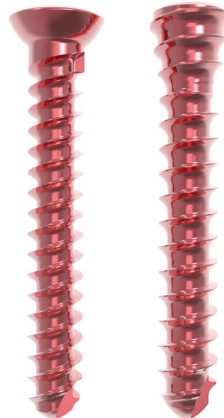
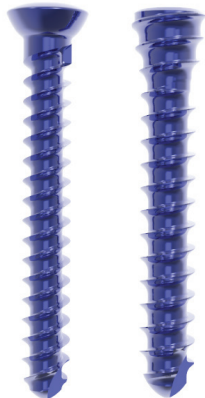
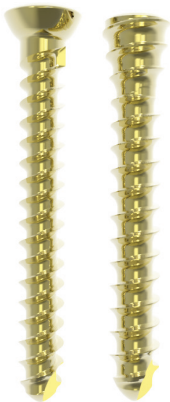


2.0mm
Non-locking
MVA locking

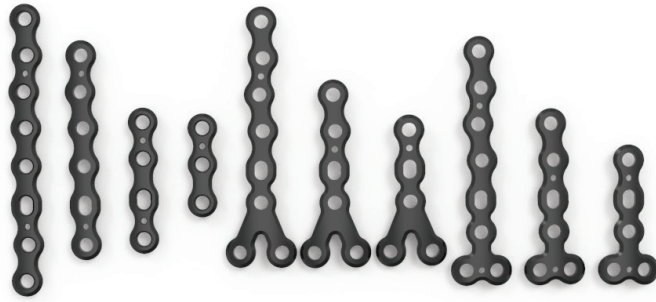
2.8mm
Non-locking
MVA locking

3.0mm
Non-locking
MVA locking

3.5mm
Non-locking
MVA locking
Straight locking



2.0mm Universal Plates



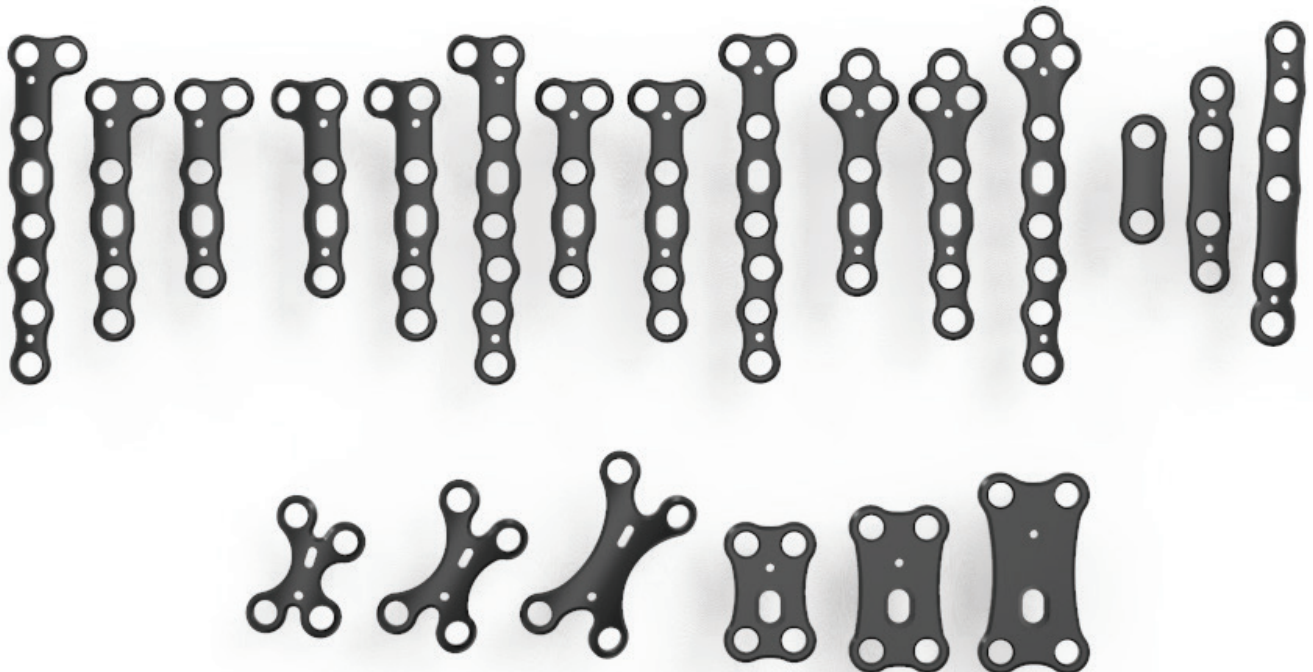
The suggested applications for the Ø2.0mm Straight, T, and Y Plates include fixation in phalanges and metatarsals.

2.8mm Universal Plates



The suggested application for the Ø2.8mm Straight, T, Y, L and Cloverleaf Plates include fracture fixation of the metatarsal bones, lisfranc injuries and midfoot fusions.

3.0-3.5mm Universal Plates



The suggested applications for the Ø3.0-3.5mm Straight, T, L, Clover, X, and Rectangular plates include fixation in the midfoot and hindfoot.

MTP Fusion Plates

Pre-contoured, low profile plates for fusion of the first MTP joint. The plates feature 10° of dorsiflexion and a contoured distal spoon for convergent screw placement into the phalanx.

Note

The distal spoon accepts Ø2.8mm screws while the proximal shaft accepts Ø3.0mm or Ø3.5mm screws.



Lapidus Plates

The BioPro Foot Plating System offers both medial and dorsal plates for the fusion of the first TMT joint.

The medial plate features a contour for a low profile fit on the medial wall of the first metatarsal and medial cuneiform. The contour also allows for convergent screw placement into the cuneiform.

Dorsal plates are available in 0 - 4mm steps in both left and right orientation.



Osteotomy Plates

The BioPro Foot Plating System offers Base wedge, Evans and Dwyer plates.

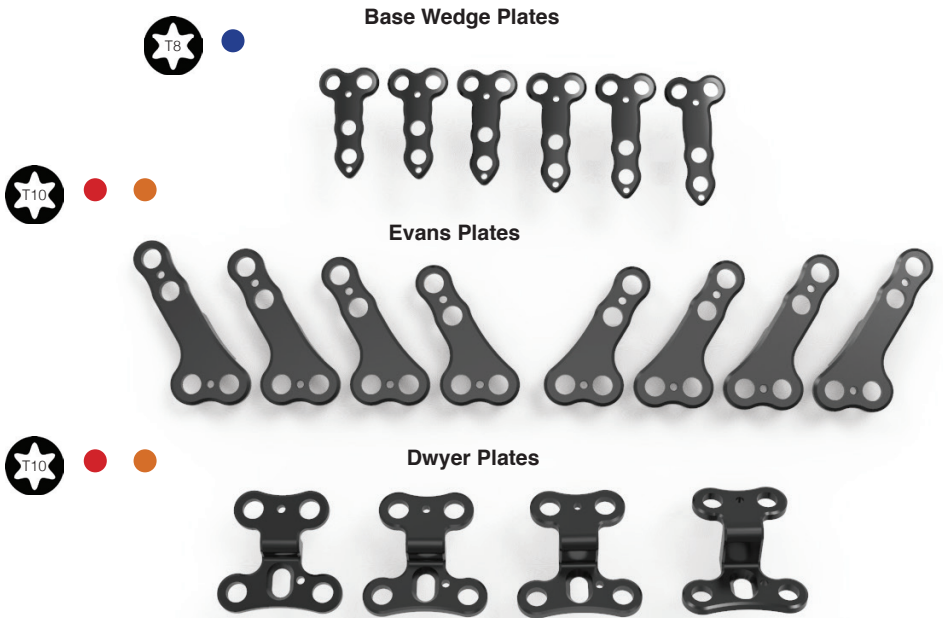
Base wedge plates are available in 0, 2, 3, 4, 5, and 6mm wedges.

Evans plates are available in left and right orientation with 4, 6, 8, and 10mm wedges.

Dwyer plates are available in 4, 6, 8, and 10mm steps.

Note

Cotton plates are available upon special request.



Medial Column Plates

The BioPro Foot Plating System offers three different types of Medial Column Plates.

Medial 3 Column plates for the fusion of the Talus-Navicular-Cuneiform are available in short and long with left and right orientations.

Medial 4 Column plates for the fusion of the Talus-Navicular-Cuneiform-Metatarsal are available in short and long with left and right orientations.

Distal Medial 3 Column plates for the fusion of the Navicular-Cuneiform are available in both short and long.



Calcaneus Plates

The BioPro Foot Plating System offers ORIF Calcaneus Plates for fractures of the calcaneus.

The plates are available in short, medium and long and offer a minimally invasive sinus tarsi approach.

ORIF Minimally Invasive



ORIF Standard* *(Special Order Only)*

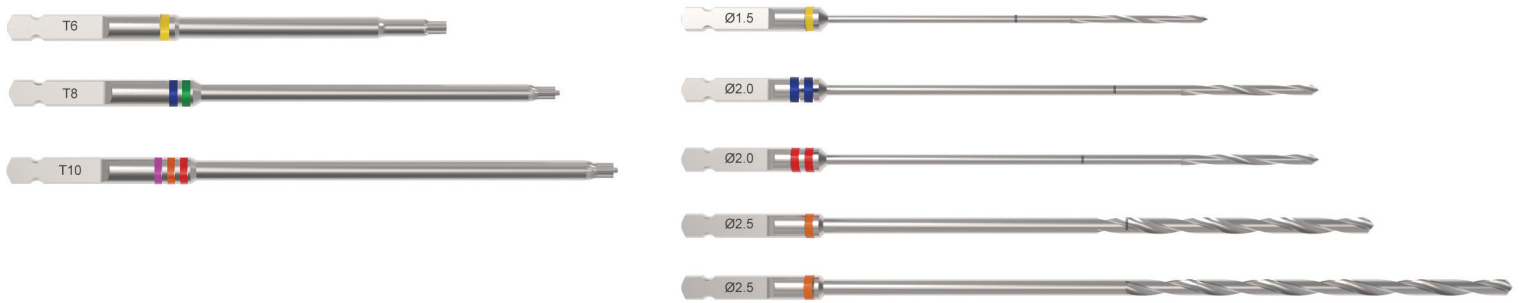


Drills and Drivers

The BioPro Foot Plating System screws and instruments follow a color coding system that allows for easy identification. The drills and drivers are marked with color rings that coordinate with the anodized screw color.

Caution

Always ensure that the color ring on the instrument matches the color of the screw.



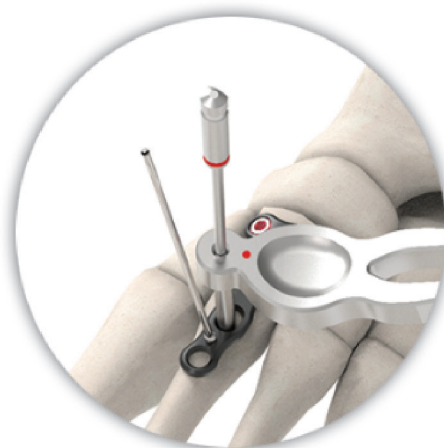
Drill Guides

The BioPro Foot Plating System offers three standard drill guide types: locking drill guides, MVA drill guides and double drill guides. Each drill guide features color coded dots that will coordinate with the drill and screw color.

When inserting a compression non-locking screw, a double drill guide should always be used. Always use a MVA drill guide when drilling at a variable angle.



Locking Drill Guide



Double Drill Guide



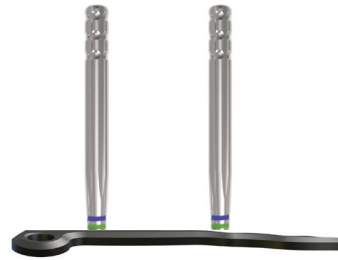
MVA Drill Guide

Plate Contouring Options

The system includes pre-contoured anatomically shaped plates, but in some cases additional contouring may be required. The plate may be contoured with the bending irons or the bending pins.

Caution

Reverse bending and over bending can cause reduced fatigue life and should always be avoided. Avoid excessive bending through the locking holes. If the plate is contoured through the locking holes, a non-locking screw is recommended to avoid cross threading of the fixed angle locking screw.



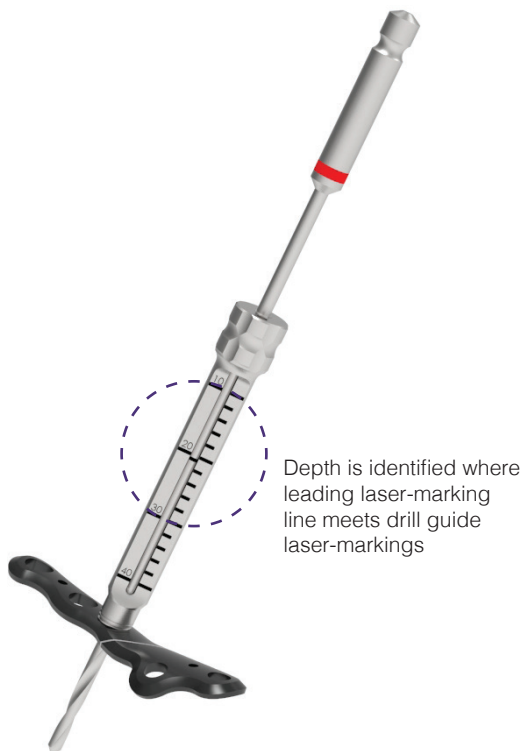
Bending Pins



Bending Irons

Depth Measurement

The BioPro Foot Plating System offers various options to evaluate screw length. A standard depth gauge may be used after drilling either independently or through the plate hole. If using a locking drill guide, screw length may be measured through the locking drill guide window.

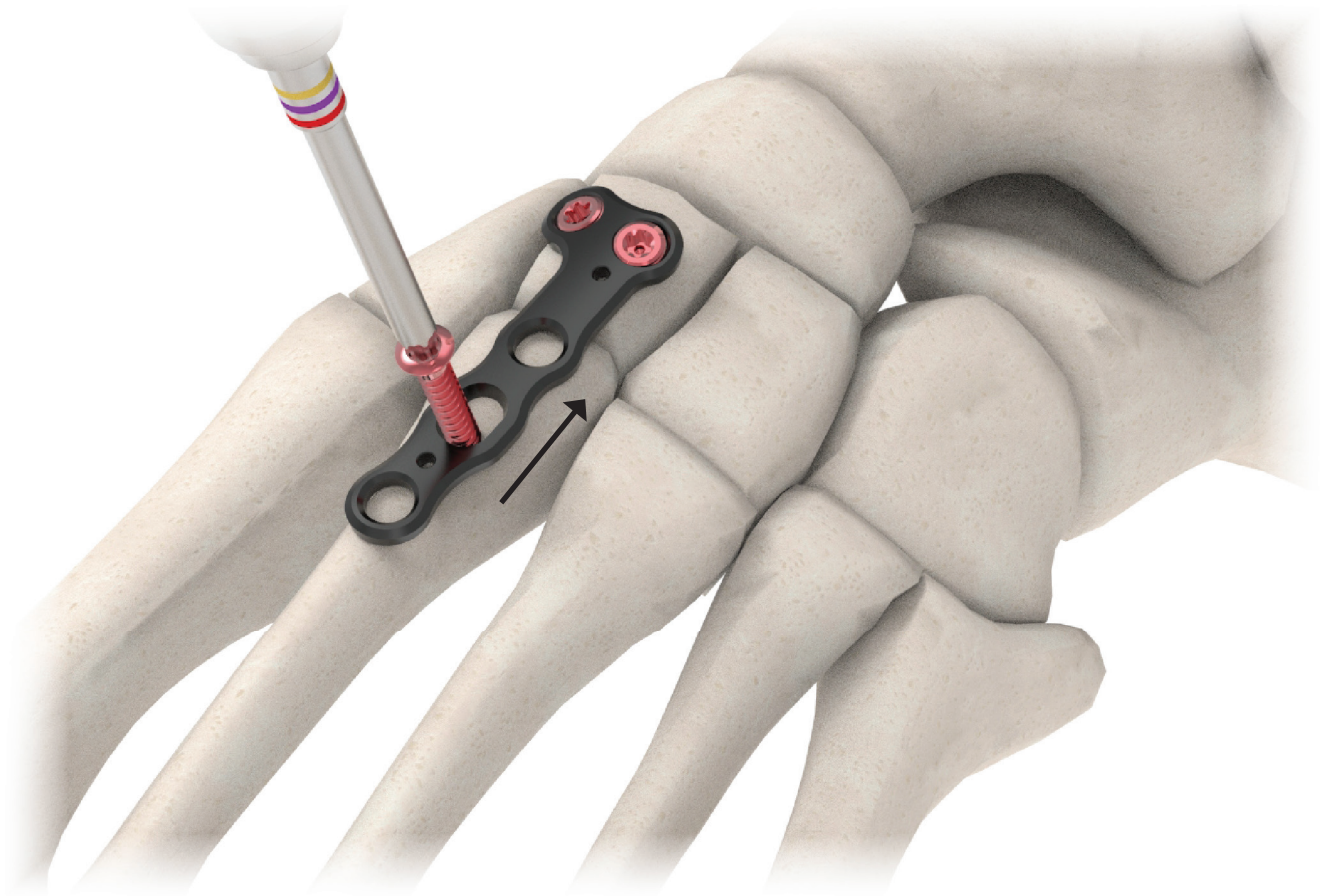


Compression

Compression can be achieved when a non-locking screw is inserted and tightened into an oval compression hole. A non-locking compression screw should be placed in the narrower section of the hole so that the screw may glide from the initial position into the final locking position when tightened.

Caution

Not all plates feature a compression screw hole. Ensure the plate features an oval compression hole before applying this technique.

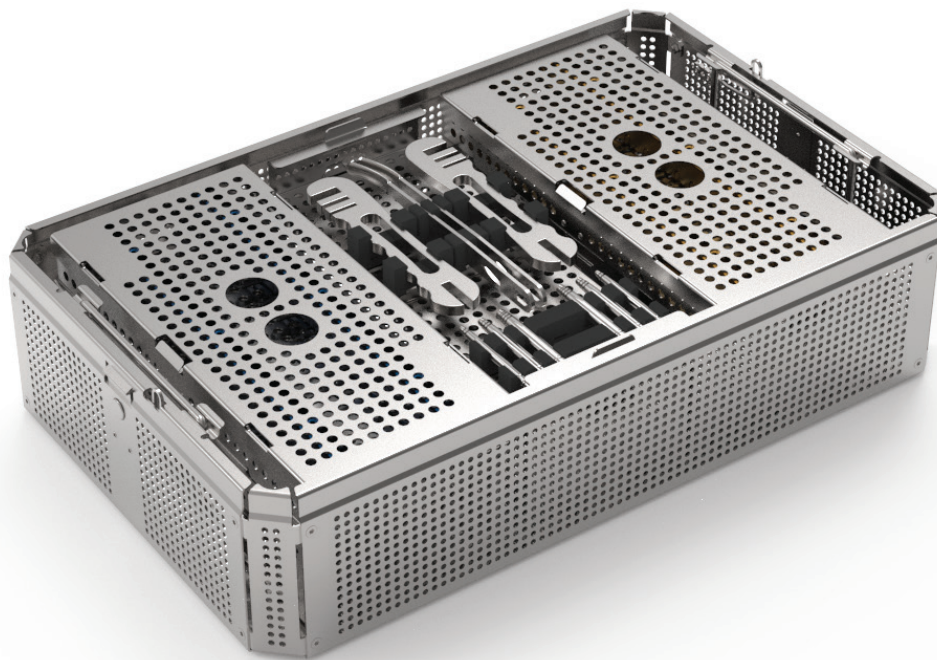


Modular Tray Design

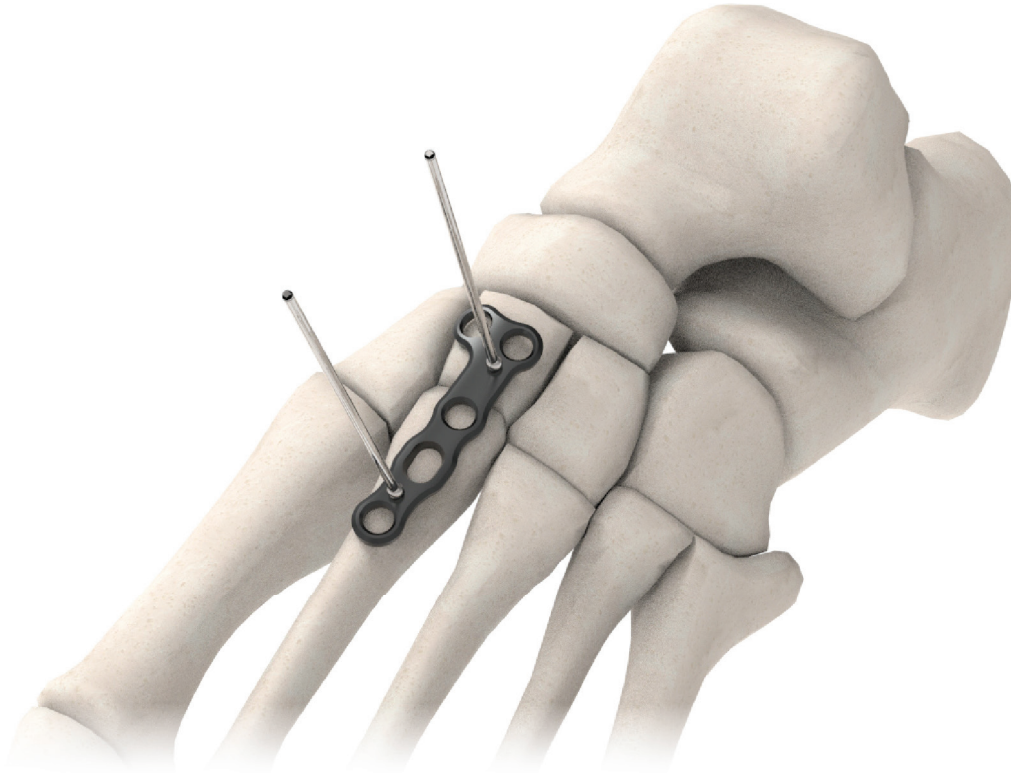
The BioPro Foot Plating System tray utilizes a modular design that allows for user customization. The base tray holds three instrument modules, a screw module and two plate modules.

Standard Plate Modules available include:

- Forefoot Module
- Midfoot Module
- Hindfoot Module
- Midfoot Special Module
- Medial Column Module



General Plating Technique



Step One: Incision

An incision is made at the midline of the fusion site.

Step Two: Plate selection

Select an appropriately sized plate based on the size and type of indication. Plates are available in various lengths and styles. Bending irons or bending pins can be used if the plate needs to be contoured to the bone surface.

Caution

Reverse bending and over bending may cause reduced fatigue life and should always be avoided. Avoid excessive bending through the locking holes. If the plate is contoured through the locking holes, a non-locking screw is recommended to avoid cross threading of the fixed angle locking screw.

Step Three: Temporary fixation

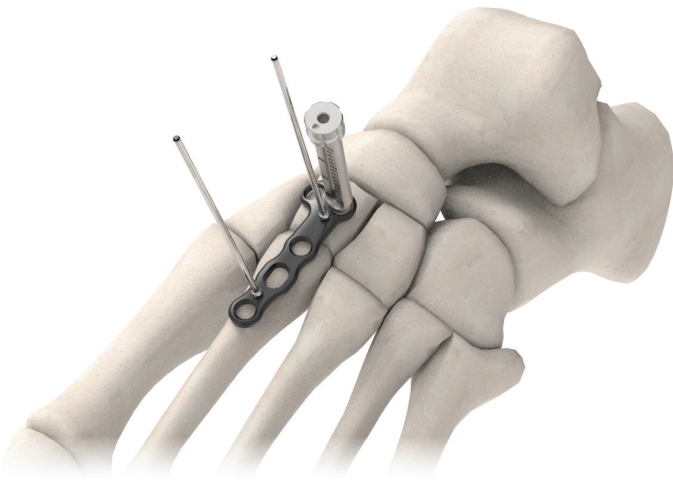
After reduction the plate is placed on the bone. Ensure that at least one screw hole is on each side of the fusion site. Drive the included, appropriately sized olive k-wires into the k-wire holes for temporary fixation. Fluoroscopy is recommended to confirm proper plate placement.

Caution

Please be careful with the plate and avoid scratches and notches when using the implants. The system offers a complete range of different plates and sizes so consider the anatomy of the foot and use the appropriate plate solutions for larger bones or higher load bearing applications.

Step Four: Use of locking drill guide

Once the plate is temporarily fixated to the bone, a standard locking drill guide is threaded into one of the threaded plate holes.

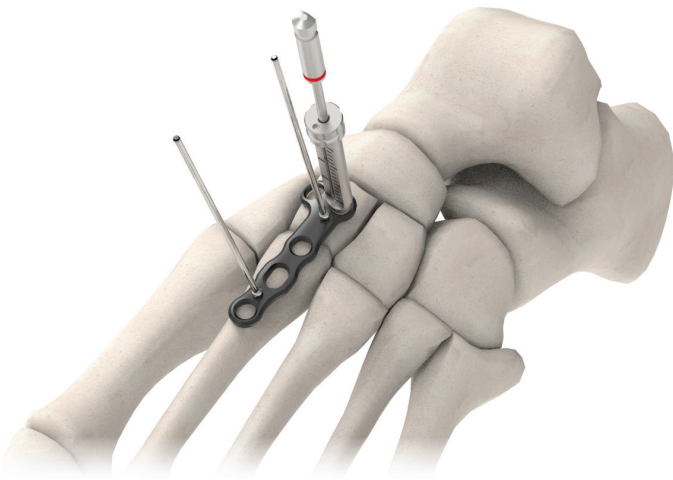


Step Five: Drilling pilot hole

After the locking drill guide is locked in the first threaded plate hole, drill a pilot hole with a color-coded drill bit.

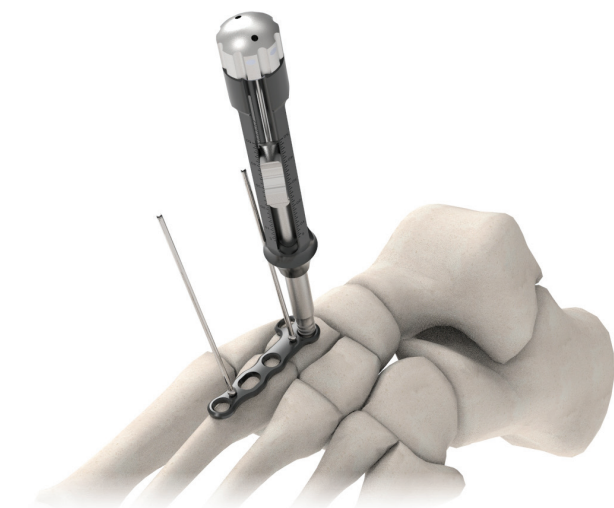
Note

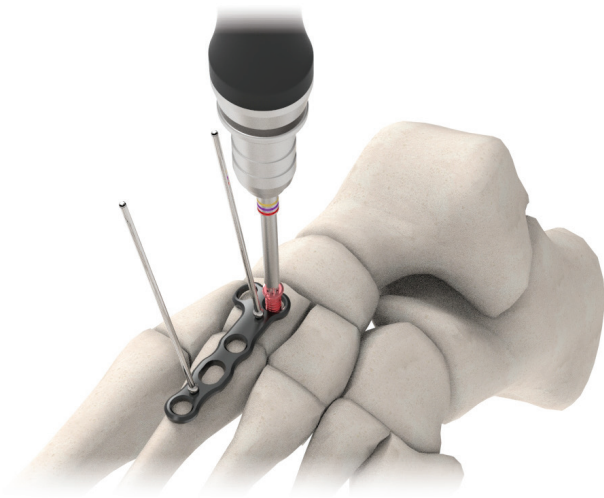
The screw holes in the plate are compatible with the MVA locking, standard locking and non-locking screws. The non-locking screws can be used with either the locking holes or compression slots. The locking screws are only provided for the locking holes. Depending on surgeon preference and indication, a combination of the locking screws and the non-locking screws can be used in the plate.



Step Six: Screw measurement

The appropriate screw length can be determined through the measuring windows in the locking drill guide or can be determined using the provided color coded depth gauge. (see page 8)



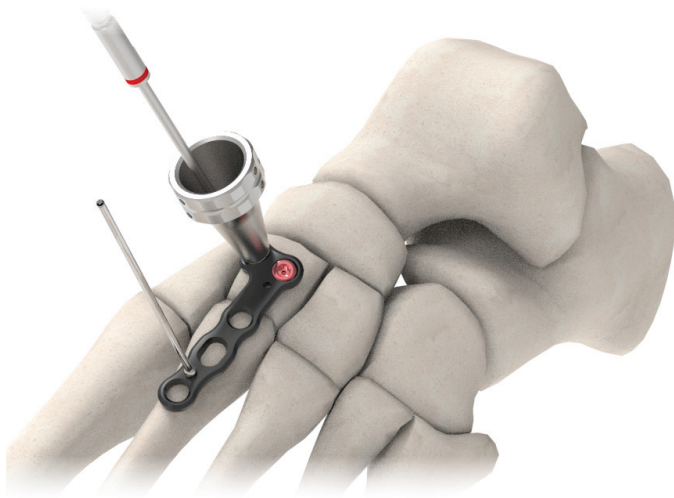


Step Seven: Screw insertion

Remove the desired screw from the screw caddy using the corresponding torx driver and insert into the pilot hole.

Caution

For all screws used throughout the procedure, verify the screw length using the appropriate gauge on the screw caddy.

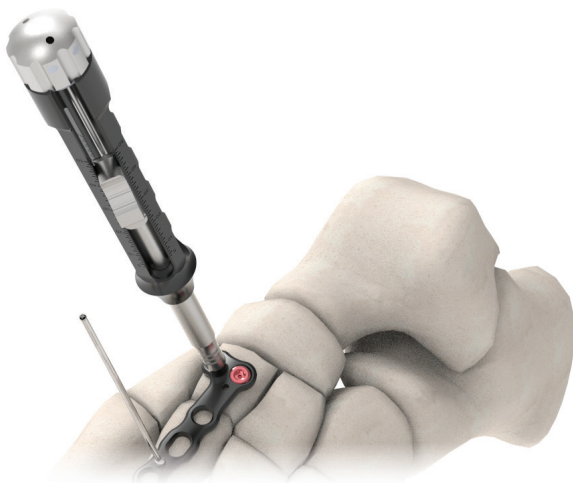


Step Eight: Drilling for MVA locking screw

If inserting an MVA locking screw at an angle the cone drill guide must be used. Drill to the desired depth and angle. The cone drill guide allows screws to be inserted up to 12.5° with a total variability of 25°.

Caution

Never drill a variable hole without the centering MVA drill guide.

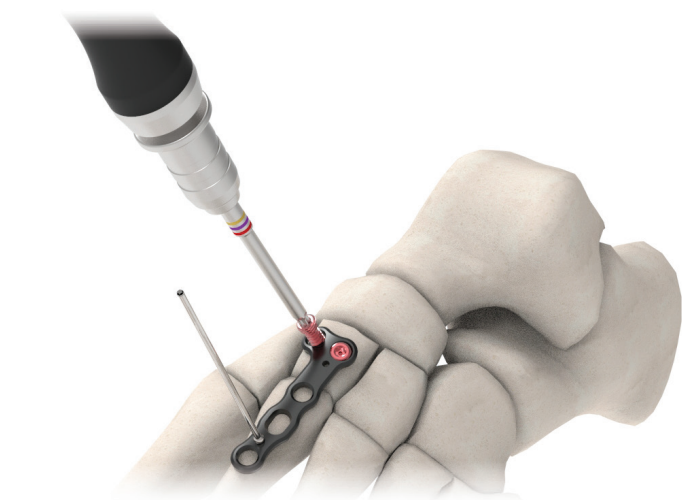


Step Nine: Screw measurement

After drilling for an MVA locking screw, determine the screw length using the provided color coded depth gauge.

Step Ten: Insertion of the MVA Locking Screw

Remove the desired screw from the screw caddy using the corresponding torx screwdriver, insert the screw into the pilot hole and drive the screw into the plate.



Step Eleven: Drilling for Compression Screw

When drilling for a compression screw the double drill guide should be used. The drill guides are color-coded to match the corresponding drill bit and screw diameter. In order to generate compression, the plate is first fixed on one side of the fusion using locking or non locking screws through a locking hole. Once all screws on one side are in place, select the appropriate drill bit and the corresponding double drill guide for the desired non-locking screw size. Insert the double drill guide into the compression slot at the side of the compression slot that is away from the fusion side. Insert the appropriate drill through the drill guide and drill to the desired depth. The hole may go through one or both of the cortices.

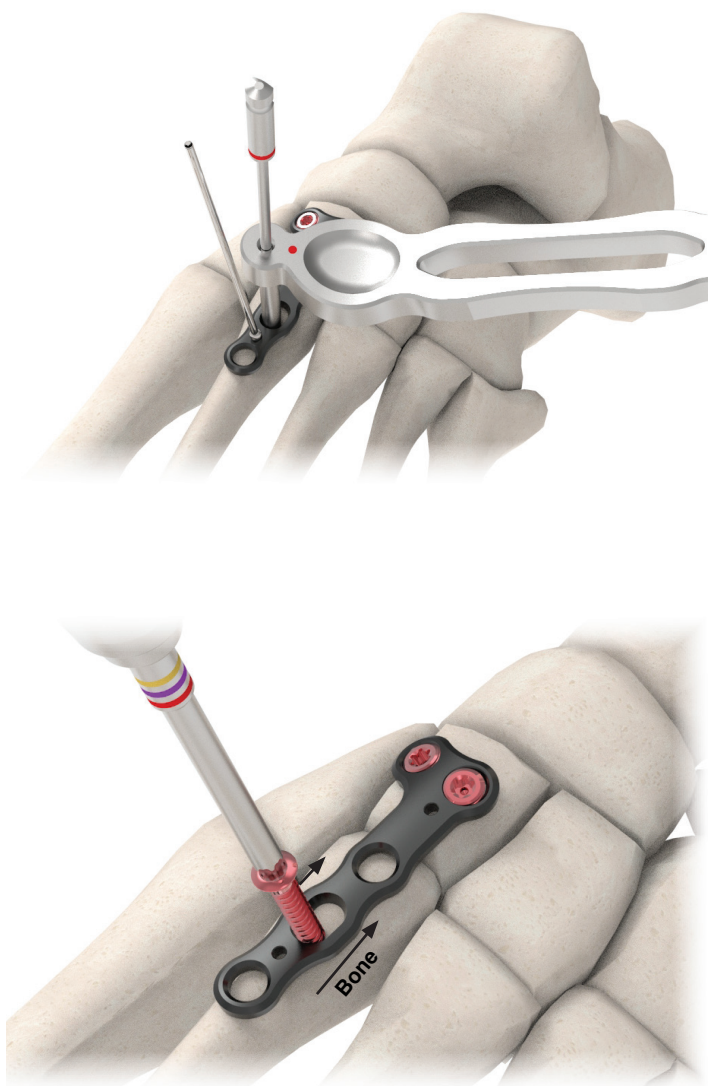
Note

If planning to insert a compression screw, always ensure to fixate the side of the plate opposite the compression slot first.

Step Twelve: Insertion of the Compression Screw

Remove any olive wires, if present, adjacent to the compression screw slot.

Remove the desired non-locking screw from the screw caddy using the corresponding torx screwdriver, insert the screw into the pilot hole and drive the screw into the plate. When inserting the screw, it should glide in the oblong hole, creating compression at the fusion site.

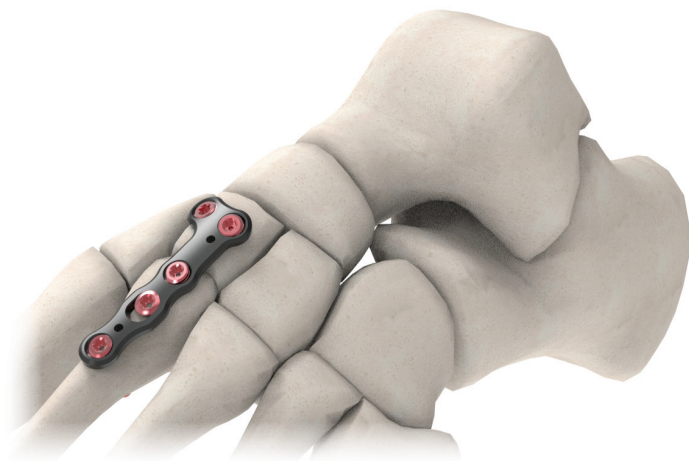


Step Thirteen: Filling all remaining screw holes

Fill all remaining screw holes as desired. Completely tighten all remaining screws.

Caution

During final tightening of the screws take caution to not over torque the screws. The torx in the screw could be damaged.



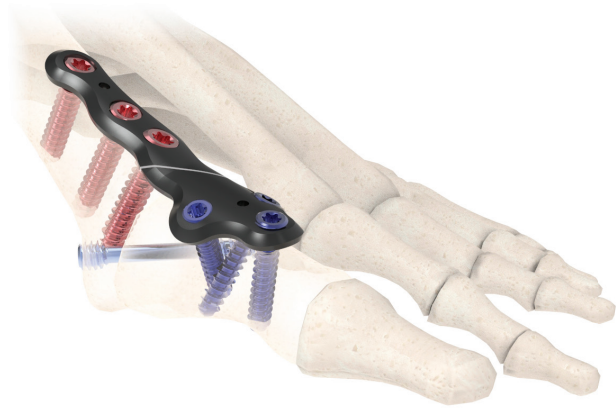
Step Fourteen: Wound closure and postoperative care

After all screws are tightened into the plate all temporary instruments are removed from the patient and the wound closure is completed per surgeon's preferred method.



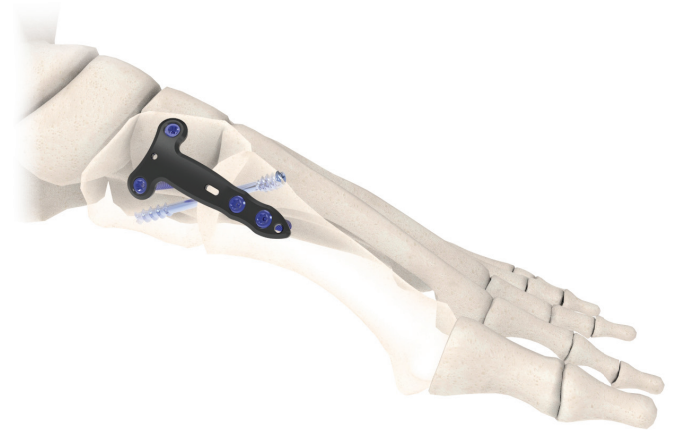
Common Plating Options

MTP Fusion



Suggested Plates - Standard MTP Fusion Plate or 2.8mm Universal Plate with 2.5mm or 3.0mm Headless Compression Screw

Medial TMT Fusion



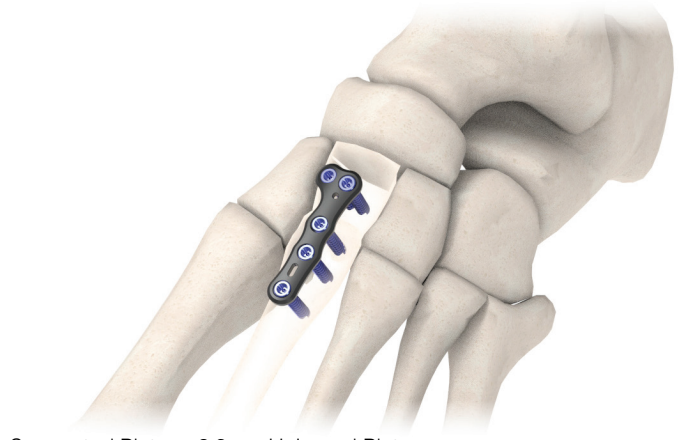
Suggested Plates - Medial TMT Plate or 3.0mm/3.5mm Universal Plate with a 2.5mm or 3.0mm Headless Compression Screw

TN (Talo-navicular) Fusion



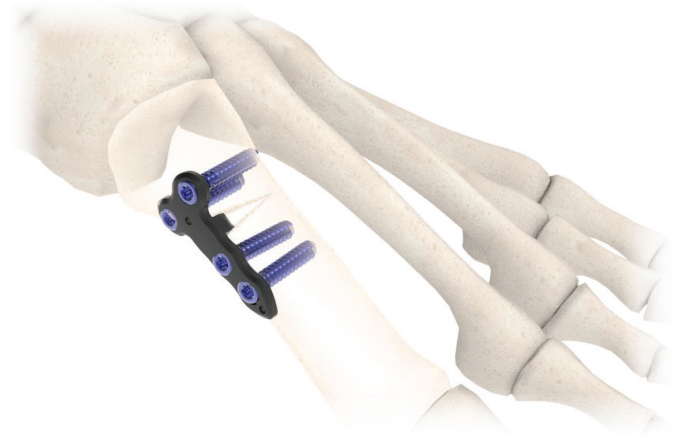
Suggested Plates - X-plate (SM, MD, LG)

Lisfranc (Tarsal-metatarsal) Fusion



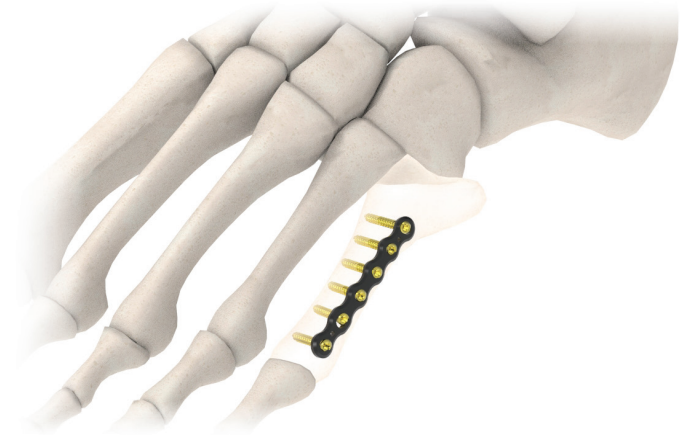
Suggested Plates - 2.8mm Universal Plate

Base Opening Wedge Osteotomy



Suggested Plates - Open Wedge Plate (0, 2, 3, 4, 5, 6mm)

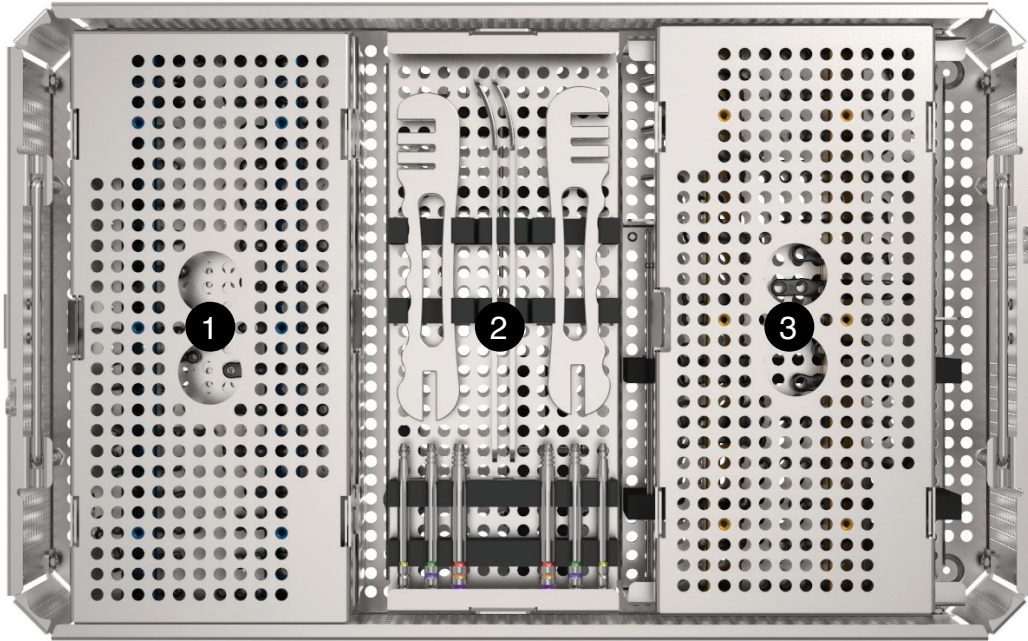
Metatarsal Fractures



Suggested Plates - 2.0mm or 2.8mm Universal Plate

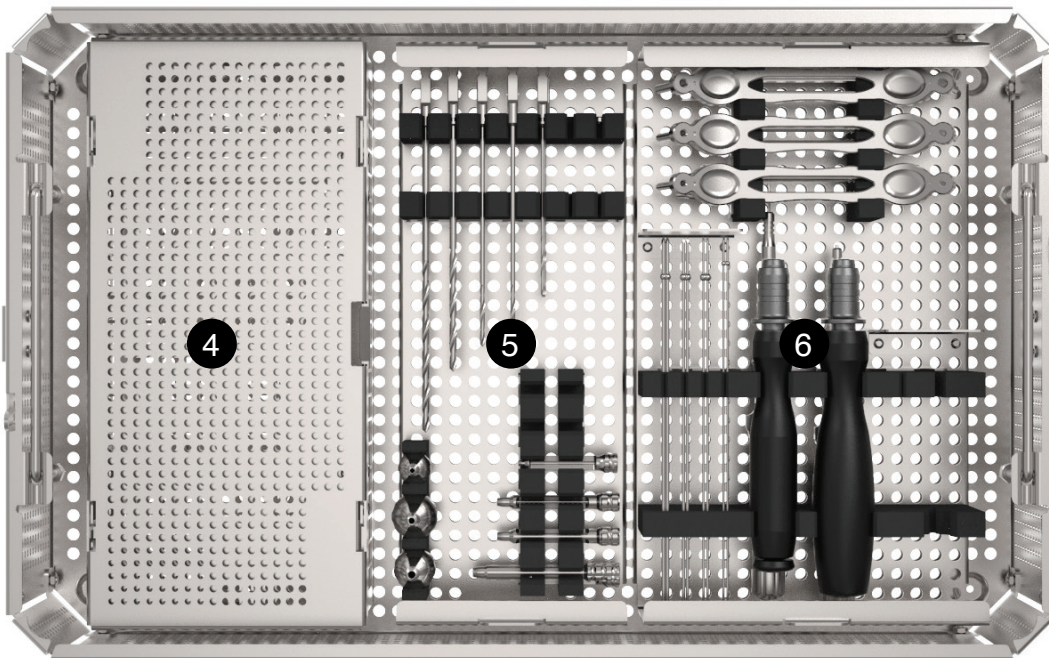
Tray Overview & Ordering

Item # 22675



Top Level

- 1 Plate Module
- 2 Bending Instruments - Bending Pins, Bending Irons, Hohmann Retractors
- 3 Plate Module

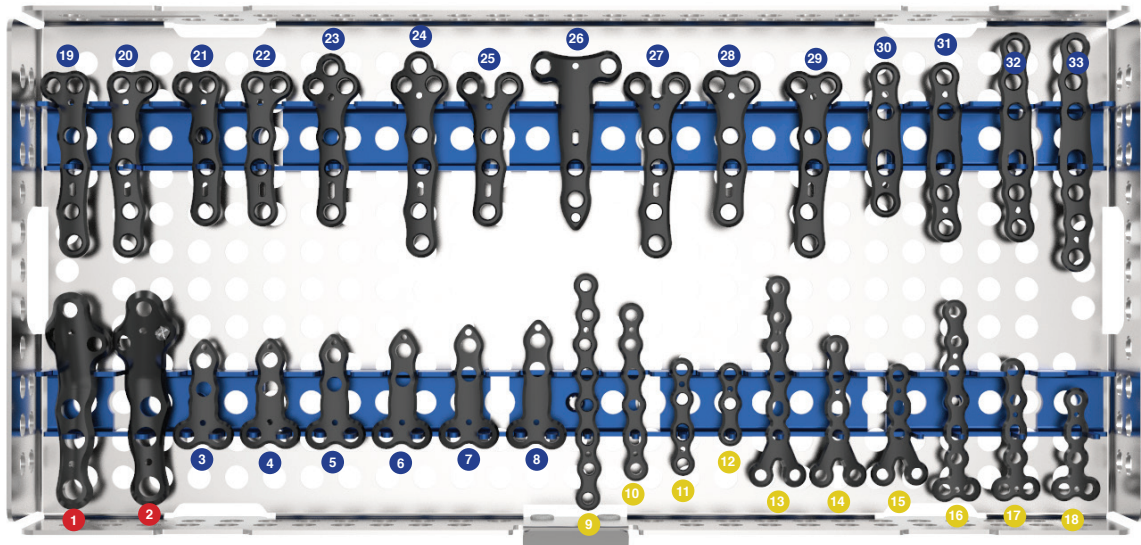


Bottom Level

- 4 Screw Caddy - 2.0mm MVA Locking and Non-Locking, 2.8mm MVA Locking and Non-Locking, 3.0mm MVA Locking and Non-Locking, 3.5mm MVA Locking, Straight Locking and Non-Locking
- 5 Drilling Instruments - Solid Drill Bits, Locking Drill Guides (Tower), MVA Locking Drill Guides (Cone)
- 6 General Instruments - Double Drill Guides, Torx Drivers, Olive K-wires, Depth Gauges, Handles

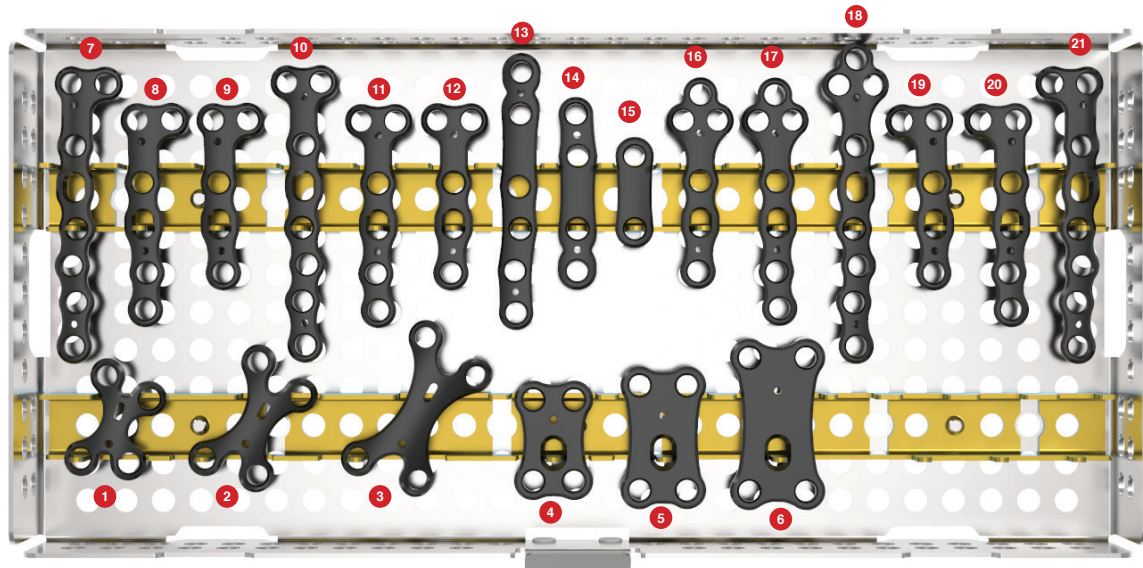
Note

Torx Drivers are located under double drill guides and Depth Gauges are located under Handles.



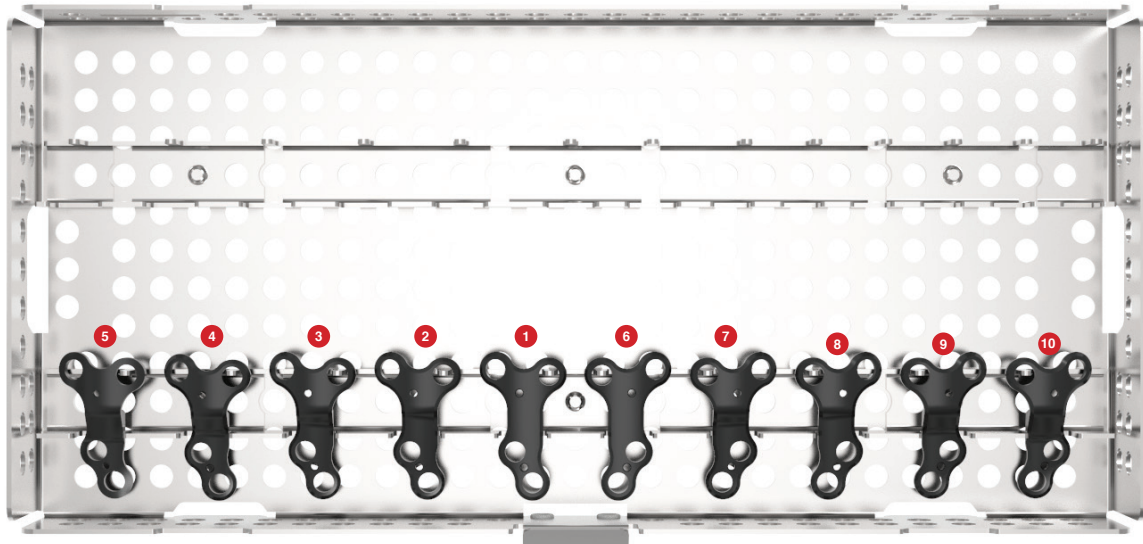
Forefoot Module - 22676

Location	Screw Color	Item #	Description	Qty
1	••	20610	MTP Fusion Plate, 2.5-3.5mm, Left	1
2	••	20611	MTP Fusion Plate, 2.5-3.5mm, Right	1
3	•	20628	Base Open Wedge Plate, 2.5-2.8mm, 0mm Wedge	2
4	•	20629	Base Open Wedge Plate, 2.5-2.8mm, 2mm Wedge	2
5	•	20630	Base Open Wedge Plate, 2.5-2.8mm, 3mm Wedge	2
6	•	20631	Base Open Wedge Plate, 2.5-2.8mm, 4mm Wedge	2
7	•	20632	Base Open Wedge Plate, 2.5-2.8mm, 5mm Wedge	2
8	•	20633	Base Open Wedge Plate, 2.5-2.8mm, 6mm Wedge	2
9	•	20605	Straight Fracture Plate, 2.0mm, 8 Hole	2
10	•	20604	Straight Fracture Plate, 2.0mm, 6 Hole	2
11	•	20602	Straight Fracture Plate, 2.0mm, 4 Hole	2
12	•	21207	Straight Fracture Plate, 2.0mm, 3 Hole	2
13	•	20607	Y-Shape Fracture Plate, 2.0mm, 6 Hole	2
14	•	20606	Y-Shape Fracture Plate, 2.0mm, 4 Hole	2
15	•	21203	Y-Shape Fracture Plate, 2.0mm, 3 Hole	2
16	•	20609	T-Shape Fracture Plate, 2.0mm, 6 Hole	2
17	•	20608	T-Shape Fracture Plate, 2.0mm, 4 Hole	2
18	•	21205	T-Shape Fracture Plate, 2.0mm, 3 Hole	2
19	•	20621	L-Shape Fracture Plate, 2.5-2.8mm, 4 Hole, Left	2
20	•	20623	L-Shape Fracture Plate, 2.5-2.8mm, 4 Hole, Right	2
21	•	20620	L-Shape Fracture Plate, 2.5-2.8mm, 3 Hole, Left	2
22	•	20622	L-Shape Fracture Plate, 2.5-2.8mm, 3 Hole, Right	2
23	•	20626	Cloverleaf Plate, 2.5-2.8mm, 3 Hole	2
24	•	20627	Cloverleaf Plate, 2.5-2.8mm, 4 Hole	2
25	•	20618	Y-Shape Fracture Plate, 2.5-2.8mm, 3 Hole	2
26	•	20634	Medial TMT-I Fusion Plate, 2.5-2.8mm, 4 Hole	2
27	•	20619	Y-Shape Fracture Plate, 2.5-2.8mm, 4 Hole	2
28	•	20624	T-Shape Fracture Plate, 2.5-2.8mm, 3 Hole	2
29	•	20625	T-Shape Fracture Plate, 2.5-2.8mm, 4 Hole	2
30	•	20614	Straight Fracture Plate, 2.5-2.8mm, 4 Hole	2
31	•	20615	Straight Fracture Plate, 2.5-2.8mm, 5 Hole	2
32	•	20616	Straight Fracture Plate, 2.5-2.8mm, 6 Hole	2
33	•	20617	Straight Fracture Plate, 2.5-2.8mm, 7 Hole	2



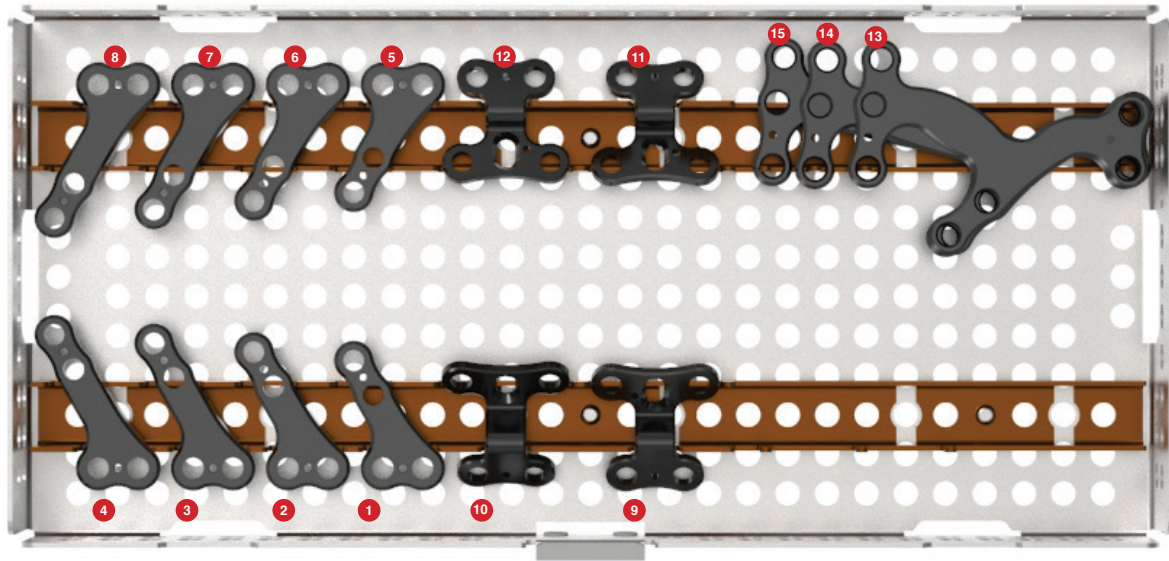
Midfoot Module - 22671

Location	Screw Color	Item #	Description	Qty
1	●●	20879	X-Plate, 3.0-3.5mm, Small	2
2	●●	20880	X-Plate, 3.0-3.5mm, Medium	2
3	●●	20881	X-Plate, 3.0-3.5mm, Large	2
4	●●	20885	Rectangular Plate, 3.0-3.5mm, Small	2
5	●●	20886	Rectangular Plate, 3.0-3.5mm, Medium	2
6	●●	20887	Rectangular Plate, 3.0-3.5mm, Large	2
7	●●	20874	L-Shape Fracture Plate, 3.0-3.5mm, 6 Hole, Right	2
8	●●	20873	L-Shape Fracture Plate, 3.0-3.5mm, 4 Hole, Right	2
9	●●	21199	L-Shape Fracture Plate, 3.0-3.5mm, 3 Hole, Right	2
10	●●	20878	T-Shape Fracture Plate, 3.0-3.5mm, 6 Hole	2
11	●●	20877	T-Shape Fracture Plate, 3.0-3.5mm, 4 Hole	2
12	●●	21209	T-Shape Fracture Plate, 3.0-3.5mm, 3 Hole	2
13	●●	20870	Straight Fusion Plate, 3.0-3.5mm, 6 Hole	2
14	●●	20869	Straight Fusion Plate, 3.0-3.5mm, 4 Hole	2
15	●●	20868	Straight Fusion Plate, 3.0-3.5mm, 2 Hole	2
16	●●	21201	Cloverleaf Plate, 3.0-3.5mm, 3 Hole	2
17	●●	20875	Cloverleaf Plate, 3.0-3.5mm, 4 Hole	2
18	●●	20876	Cloverleaf Plate, 3.0-3.5mm, 6 Hole	2
19	●●	21197	L-Shape Fracture Plate, 3.0-3.5mm, 3 Hole, Left	2
20	●●	20871	L-Shape Fracture Plate, 3.0-3.5mm, 4 Hole, Left	2
21	●●	20872	L-Shape Fracture Plate, 3.0-3.5mm, 6 Hole, Left	2



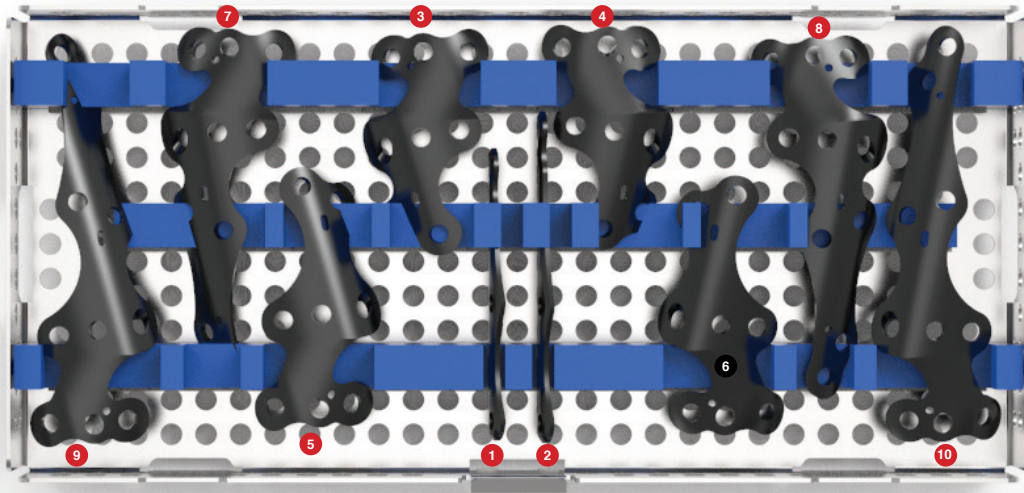
Midfoot Special Module - 22673

Location	Screw Color	Item #	Description	Qty
1	●●	20746	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 0mm Step, Left	1
2	●●	20747	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 1mm Step, Left	1
3	●●	20748	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 2mm Step, Left	1
4	●●	20749	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 3mm Step, Left	1
5	●●	20750	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 4mm Step, Left	1
6	●●	20751	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 0mm Step, Right	1
7	●●	20752	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 1mm Step, Right	1
8	●●	20753	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 2mm Step, Right	1
9	●●	20754	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 3mm Step, Right	1
10	●●	20755	Dorsal TMT-1 Fusion Plate, 3.0-3.5mm, 4mm Step, Right	1



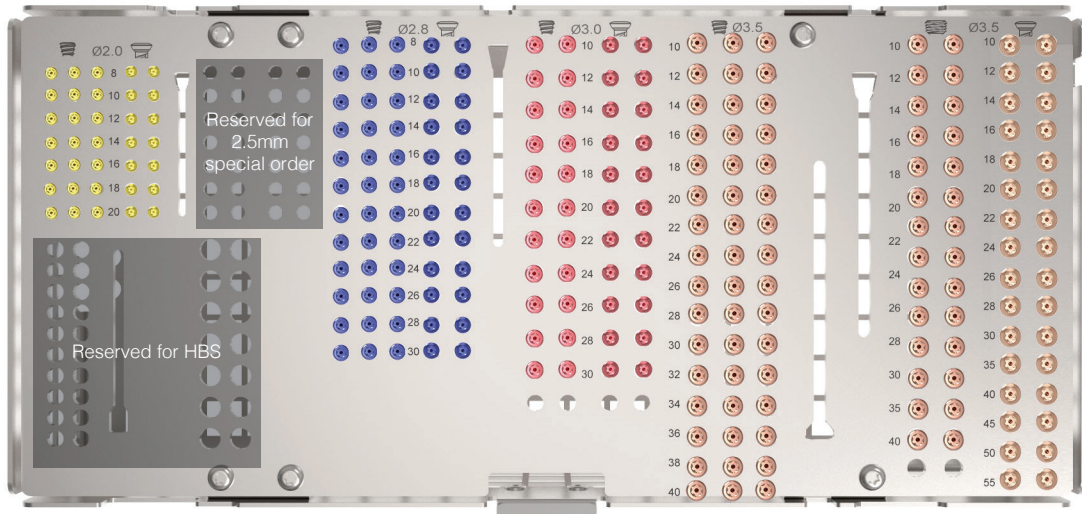
Hindfoot Module - 22672

Location	Screw Color	Item #	Description	Qty
1	●●	20888	Evans Plate, 3.0-3.5mm, 4mm Step, Left	1
2	●●	20889	Evans Plate, 3.0-3.5mm, 6mm Step, Left	1
3	●●	20890	Evans Plate, 3.0-3.5mm, 8mm Step, Left	1
4	●●	20891	Evans Plate, 3.0-3.5mm, 10mm Step, Left	1
5	●●	20892	Evans Plate, 3.0-3.5mm, 4mm Step, Right	1
6	●●	20893	Evans Plate, 3.0-3.5mm, 6mm Step, Right	1
7	●●	20894	Evans Plate, 3.0-3.5mm, 8mm Step, Right	1
8	●●	20895	Evans Plate, 3.0-3.5mm, 10mm Step, Right	1
9	●●	20896	Dwyer Plate, 3.0-3.5mm, 4mm Step	1
10	●●	20897	Dwyer Plate, 3.0-3.5mm, 6mm Step	1
11	●●	20898	Dwyer Plate, 3.0-3.5mm, 8mm Step	1
12	●●	20899	Dwyer Plate, 3.0-3.5mm, 10mm Step	1
13	●●	20910	Orif Calcaneal Plate, 3.0-3.5mm, Short	1
14	●●	20911	Orif Calcaneal Plate, 3.0-3.5mm, Medium	1
15	●●	20912	Orif Calcaneal Plate, 3.0-3.5mm, Long	1



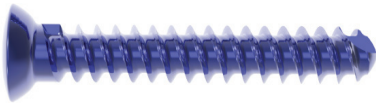
Medial Column Module - 22769

Location	Screw Color	Item #	Description	Qty
1	●●	20909	Medial Distal Column Plate, 3.0-3.5mm, Short	1
2	●●	20908	Medial Distal Column Plate, 3.0-3.5mm, Long	1
3	●●	20905	Medial 3 Column Plate, 3.0-3.5mm, Short, Left	1
4	●●	20904	Medial 3 Column Plate, 3.0-3.5mm, Short, Right	1
5	●●	20907	Medial 3 Column Plate, 3.0-3.5mm, Long, Left	1
6	●●	20906	Medial 3 Column Plate, 3.0-3.5mm, Long, Right	1
7	●●	20901	Medial 4 Column Plate, 3.0-3.5mm, Short, Left	1
8	●●	20900	Medial 4 Column Plate, 3.0-3.5mm, Short, Right	1
9	●●	20903	Medial 4 Column Plate, 3.0-3.5mm, Long, Left	1
10	●●	20902	Medial 4 Column Plate, 3.0-3.5mm, Long, Right	1



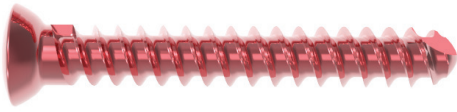
Item #	Description	Qty
20478	Cortical Screw, 2.0mm X 8mm	2
20479	Cortical Screw, 2.0mm X 10mm	2
20480	Cortical Screw, 2.0mm X 12mm	2
20481	Cortical Screw, 2.0mm X 14mm	2
20482	Cortical Screw, 2.0mm X 16mm	2
20483	Cortical Screw, 2.0mm X 18mm	2
20484	Cortical Screw, 2.0mm X 20mm	2

Item #	Description	Qty
20471	Cortical Locking Screw, MVA, 2.0mm X 8mm	3
20472	Cortical Locking Screw, MVA, 2.0mm X 10mm	3
20473	Cortical Locking Screw, MVA, 2.0mm X 12mm	3
20474	Cortical Locking Screw, MVA, 2.0mm X 14mm	3
20475	Cortical Locking Screw, MVA, 2.0mm X 16mm	3
20476	Cortical Locking Screw, MVA, 2.0mm X 18mm	3
20477	Cortical Locking Screw, MVA, 2.0mm X 20mm	3

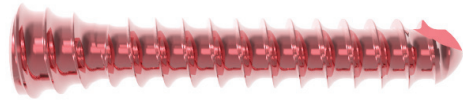


Item #	Description	Qty
20568	Cortical Screw, 2.8mm X 8mm	2
20569	Cortical Screw, 2.8mm X 10mm	2
20570	Cortical Screw, 2.8mm X 12mm	2
20571	Cortical Screw, 2.8mm X 14mm	2
20572	Cortical Screw, 2.8mm X 16mm	2
20573	Cortical Screw, 2.8mm X 18mm	2
20574	Cortical Screw, 2.8mm X 20mm	2
20575	Cortical Screw, 2.8mm X 22mm	2
20576	Cortical Screw, 2.8mm X 24mm	2
20577	Cortical Screw, 2.8mm X 26mm	2
20578	Cortical Screw, 2.8mm X 28mm	2
20579	Cortical Screw, 2.8mm X 30mm	2

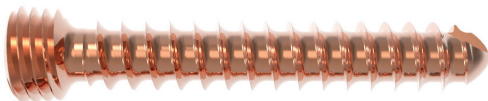
Item #	Description	Qty
20556	Cortical Locking Screw, MVA, 2.8mm X 8mm	3
20557	Cortical Locking Screw, MVA, 2.8mm X 10mm	3
20558	Cortical Locking Screw, MVA, 2.8mm X 12mm	3
20559	Cortical Locking Screw, MVA, 2.8mm X 14mm	3
20560	Cortical Locking Screw, MVA, 2.8mm X 16mm	3
20561	Cortical Locking Screw, MVA, 2.8mm X 18mm	3
20562	Cortical Locking Screw, MVA, 2.8mm X 20mm	3
20563	Cortical Locking Screw, MVA, 2.8mm X 22mm	3
20564	Cortical Locking Screw, MVA, 2.8mm X 24mm	3
20565	Cortical Locking Screw, MVA, 2.8mm X 26mm	3
20566	Cortical Locking Screw, MVA, 2.8mm X 28mm	3
20567	Cortical Locking Screw, MVA, 2.8mm X 30mm	3



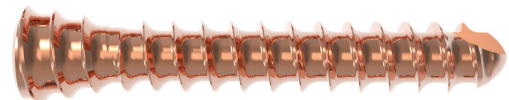
Item #	Description	Qty
20804	Cortical Screw, 3.0mm X 10mm	2
20805	Cortical Screw, 3.0mm X 12mm	2
20806	Cortical Screw, 3.0mm X 14mm	2
20807	Cortical Screw, 3.0mm X 16mm	2
20808	Cortical Screw, 3.0mm X 18mm	2
20809	Cortical Screw, 3.0mm X 20mm	2
20810	Cortical Screw, 3.0mm X 22mm	2
20811	Cortical Screw, 3.0mm X 24mm	2
20812	Cortical Screw, 3.0mm X 26mm	2
20813	Cortical Screw, 3.0mm X 28mm	2
20814	Cortical Screw, 3.0mm X 30mm	2



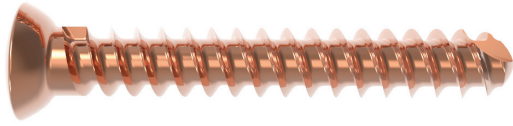
Item #	Description	Qty
20793	Cortical Locking Screw, MVA, 3.0mm X 10mm	2
20794	Cortical Locking Screw, MVA, 3.0mm X 12mm	2
20795	Cortical Locking Screw, MVA, 3.0mm X 14mm	2
20796	Cortical Locking Screw, MVA, 3.0mm X 16mm	2
20797	Cortical Locking Screw, MVA, 3.0mm X 18mm	2
20798	Cortical Locking Screw, MVA, 3.0mm X 20mm	2
20799	Cortical Locking Screw, MVA, 3.0mm X 22mm	2
20800	Cortical Locking Screw, MVA, 3.0mm X 24mm	2
20801	Cortical Locking Screw, MVA, 3.0mm X 26mm	2
20802	Cortical Locking Screw, MVA, 3.0mm X 28mm	2
20803	Cortical Locking Screw, MVA, 3.0mm X 30mm	2



Item #	Description	Qty
20852	Cortical Locking Screw 3.5mm X 10mm	2
20853	Cortical Locking Screw 3.5mm X 12mm	2
20854	Cortical Locking Screw 3.5mm X 14mm	2
20855	Cortical Locking Screw 3.5mm X 16mm	2
20856	Cortical Locking Screw 3.5mm X 18mm	2
20857	Cortical Locking Screw 3.5mm X 20mm	2
20858	Cortical Locking Screw 3.5mm X 22mm	2
20859	Cortical Locking Screw 3.5mm X 24mm	2
20860	Cortical Locking Screw 3.5mm X 26mm	2
20861	Cortical Locking Screw 3.5mm X 28mm	2
20862	Cortical Locking Screw 3.5mm X 30mm	2
20863	Cortical Locking Screw 3.5mm X 35mm	2
20864	Cortical Locking Screw 3.5mm X 40mm	2



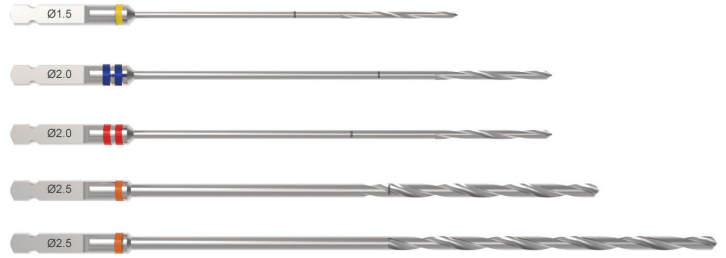
Item #	Description	Qty
20815	Cortical Locking Screw, MVA, 3.5mm X 10mm	3
20816	Cortical Locking Screw, MVA, 3.5mm X 12mm	3
20817	Cortical Locking Screw, MVA, 3.5mm X 14mm	3
20818	Cortical Locking Screw, MVA, 3.5mm X 16mm	3
20819	Cortical Locking Screw, MVA, 3.5mm X 18mm	3
20820	Cortical Locking Screw, MVA, 3.5mm X 20mm	3
20821	Cortical Locking Screw, MVA, 3.5mm X 22mm	3
20822	Cortical Locking Screw, MVA, 3.5mm X 24mm	3
20823	Cortical Locking Screw, MVA, 3.5mm X 26mm	3
20824	Cortical Locking Screw, MVA, 3.5mm X 28mm	3
20825	Cortical Locking Screw, MVA, 3.5mm X 30mm	3
21686	Cortical Locking Screw, MVA, 3.5mm X 32mm	3
21687	Cortical Locking Screw, MVA, 3.5mm X 34mm	3
21688	Cortical Locking Screw, MVA, 3.5mm X 36mm	3
21689	Cortical Locking Screw, MVA, 3.5mm X 38mm	3
20827	Cortical Locking Screw, MVA, 3.5mm X 40mm	3



Item #	Description	Qty
21269	Cortical Screw, Low Head, 3.5mm X 10mm	2
21270	Cortical Screw, Low Head, 3.5mm X 12mm	2
21271	Cortical Screw, Low Head, 3.5mm X 14mm	2
21272	Cortical Screw, Low Head, 3.5mm X 16mm	2
21273	Cortical Screw, Low Head, 3.5mm X 18mm	2
21274	Cortical Screw, Low Head, 3.5mm X 20mm	2
21275	Cortical Screw, Low Head, 3.5mm X 22mm	2
21276	Cortical Screw, Low Head, 3.5mm X 24mm	2
21277	Cortical Screw, Low Head, 3.5mm X 26mm	2
21278	Cortical Screw, Low Head, 3.5mm X 28mm	2
21279	Cortical Screw, Low Head, 3.5mm X 30mm	2
21280	Cortical Screw, Low Head, 3.5mm X 35mm	2
21281	Cortical Screw, Low Head, 3.5mm X 40mm	2
21282	Cortical Screw, Low Head, 3.5mm X 45mm	2
21283	Cortical Screw, Low Head, 3.5mm X 50mm	2
21284	Cortical Screw, Low Head, 3.5mm X 55mm	2



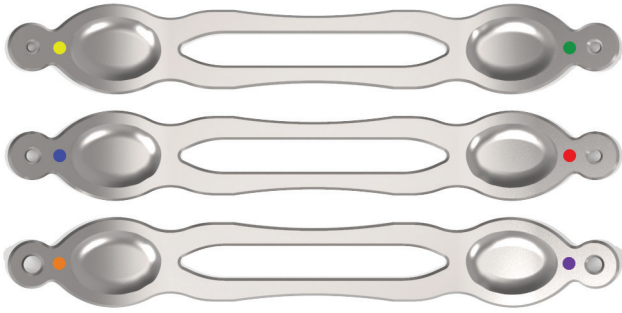
Item #	Description	Qty
20666	K-Wire With Stop- 1.0mm (2mm plates)	2
20940	K-Wire With Stop – 1.2mm (2.8mm plates)	2
20941	K-Wire With Stop – 1.4mm (3.0/3.5mm plates)	2



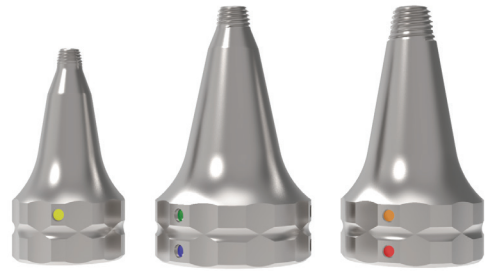
Item #	Description	Qty
20647	1.5mm x 95mm Drill Bit (Yellow)	2
22680	2.0mm x 115mm Drill Bit (Blue)	2
20924	2.0mm x 115mm Drill Bit (Red)	2
20925	2.5mm x 125mm Drill Bit (Orange)	2
20926	2.5mm x 150mm Drill Bit (Orange)	2



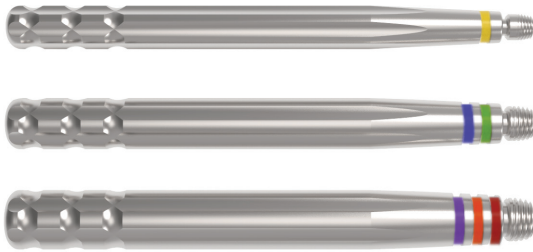
Item #	Description	Qty
20636	Locking Drill Guide, 2.0mm	1
20638	Locking Drill Guide, 2.8mm	1
20917	Locking Drill Guide, 3.0mm	1
20918	Locking Drill Guide, 3.5mm	1



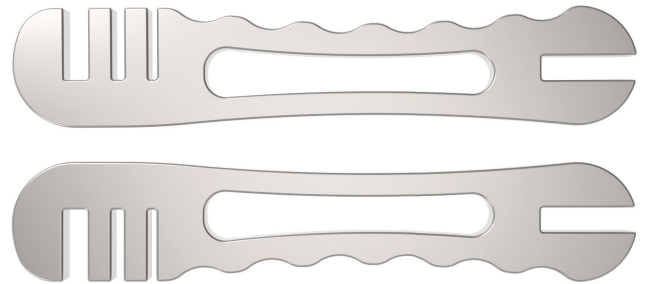
Item #	Description	Qty
20643	Double Drill Guide 2.0-2.5mm Screws	1
20922	Double Drill Guide 2.8-3.0mm Screws	1
20923	Double Drill Guide 3.5-4.0mm Screws	1



Item #	Description	Qty
20640	MVA Drill Guide, 2.0mm	1
20641	MVA Drill Guide, 2.5-2.8mm	1
20921	MVA Drill Guide, 3.0-3.5mm	1



Item #	Description	Qty
20662	Holding & Bending Pin – 2.0	2
20663	Holding & Bending Pin – 2.5 – 2.8	2
20739	Holding & Bending Pin – 3.0/3.5/4.0mm	2



Item #	Description	Qty
20664	Bending Iron – Left	1
20665	Bending Iron – Right	1



Item #	Description	Qty
20650	Screwdriver Blade – T6	2
20651	Screwdriver Blade – T8	2
20929	Screwdriver Blade – T10	2



Item #	Description	Qty
20930	Screwdriver Handle – Medium	1
20653	Screwdriver Handle – Small	1



Item #	Description	Qty
20635	Depth Gauge 2.0/2.5/2.8 – 40mm	1
21337	Depth Gauge 3.0/3.5/4.0mm – 50mm	1



Item #	Description	Qty
20934	Hohman Retractor, 8mm	1
20935	Hohman Retractor, 6mm	1

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