

VariAx Foot

Locking Plate System

Operative Technique

- Trauma and Deformity Correction
- Polyaxial Locking Technology
- Comprehensive Calcaneal Fracture Plates



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This Operative Technique sets forth detailed recommended procedures for using Stryker Osteosynthesis devices and instruments. It offers guidance that should be followed, but, as with any technical guide, each surgeon must consider the particular needs of each patient and make appropriate adjustments as required.

Introduction

The VariAx Foot Locking Plate System represents a new generation of implant technology for foot surgery. The reconstruction and fixation of bones in the foot can now be accomplished by means of the patented SmartLock polyaxial locking mechanism. This powerful feature allows a surgeon to insert polyaxial locking or non-locking screws at variable angles with respect to the plate, so that they can be targeted to address the location and geometry of a given fracture or osteotomy. Each plate can be configured with a combination of locking and/or non-locking screws which satisfy the intraoperative requirements of a particular case, without constraint or reliance on any pre-existing plate designs.



Features and Benefits

• Complete Plating System

Multiple indication based plate designs are included in the VariAx Foot Locking Plate System, which are engineered to address specific foot trauma and deformity indications.

• Polyaxial Drill Guide

Allows placement of locking screws at a variable angle (up to $\pm 15^\circ$).

• Low Profile Plate Design and Reduced Screw Head Prominence

Each plate is designed to minimize soft tissue irritation by having a low profile design (1mm – 1.5mm thickness). Furthermore, the screws are designed to have minimal head prominence when fully inserted in a plate, which further reduces the risk of irritation.

• Full-Range of 2.7mm and 3.5mm Locking and Non-Locking Screws

Offers intraoperative solutions to cover a broad range of clinical situations.

• Efficient T7 or T10 Screw Head Design

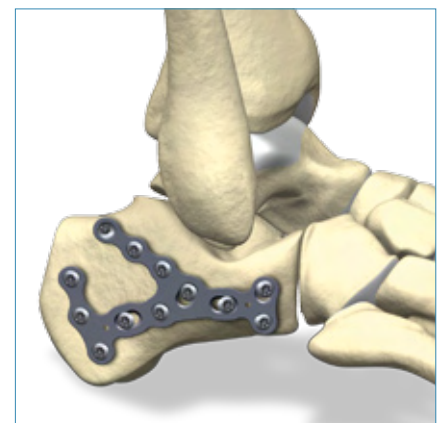
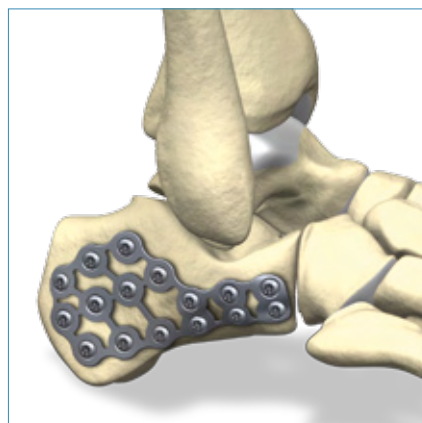
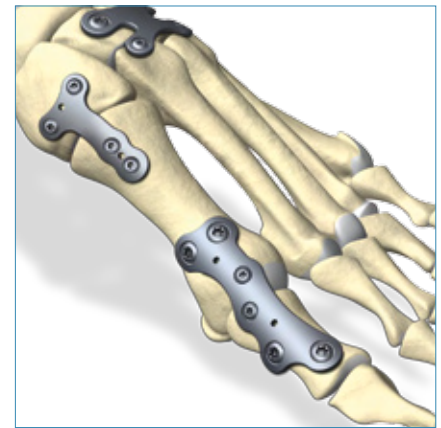
All VariAx Foot Locking Plate System screws are designed with either a T7 head (for 2.7mm screws), or a T10 head (for 3.5mm screws). This screw head design facilitates efficient force transmission from the screwdriver blade to the screw, and reduces the risk of screw head stripping.

• Anodization Type II

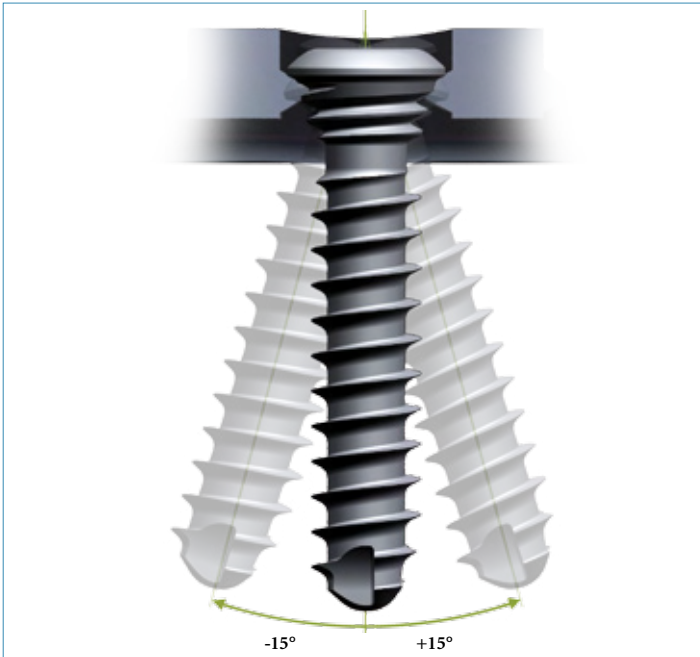
Increases the strength of all VariAx Foot Plates, and may reduce the incidence of tissue adherence.

• Two Dedicated Calcaneal Plate Designs

The VariAx Foot Locking Plate System offers two distinct calcaneal plate designs, each incorporating a different design philosophy. The mesh design provides surgeons with an extremely low profile plate that can be easily contoured, and has many screw placement options. The standard plate design provides surgeons with a strong plate that can be easily contoured to the superior surface of the calcaneus.



Introduction



- **Patented Polyaxial Locking Technology**

Each screw is made of titanium alloy (Grade V), which is slightly harder than the plates, which are made from commercially pure titanium (Grade II). When a locking screw is used, the thread in the head of the harder screw reshapes the softer titanium used in the plate, thus creating a secure form-fitting geometry. This process results in a solid, locked connection between the head of the screw, and the plate.

- **Unique One-Step Locking**

Achieved by simply inserting a locking screw within the polyaxial locking range of $\pm 15^\circ$, without the need for further steps.

- **Compression and Locking in One-Step**

As a screw is inserted and tightened into an oval compression hole, compression can be achieved. If a locking screw is used, the screw can then be locked into the plate in a single step.

- **Deluxe or Basic Configurations**

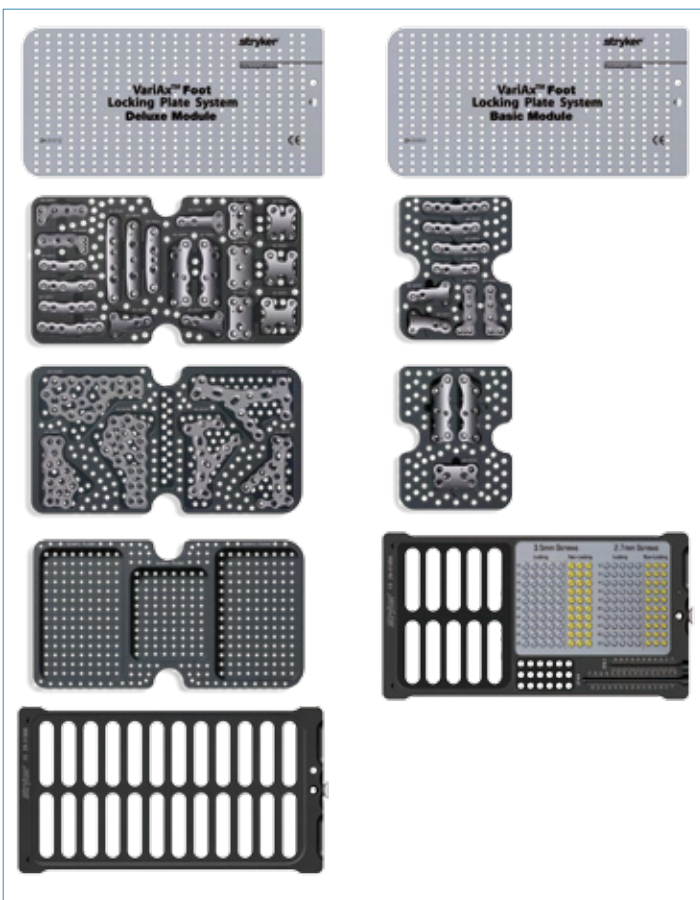
The VariAx Foot Locking Plate System is available in two renditions: a Deluxe configuration, and a Basic configuration. The Deluxe set contains every implant design, while the Basic set includes a selection with plates most commonly needed for foot surgery.

- **Modular System Design**

The modular instrumentation system is designed for seamless integration of other products from the Stryker Foot Solutions portfolio.

- **Color Coding of Instruments**

The instruments are color coded to facilitate ease-of-use during surgery.



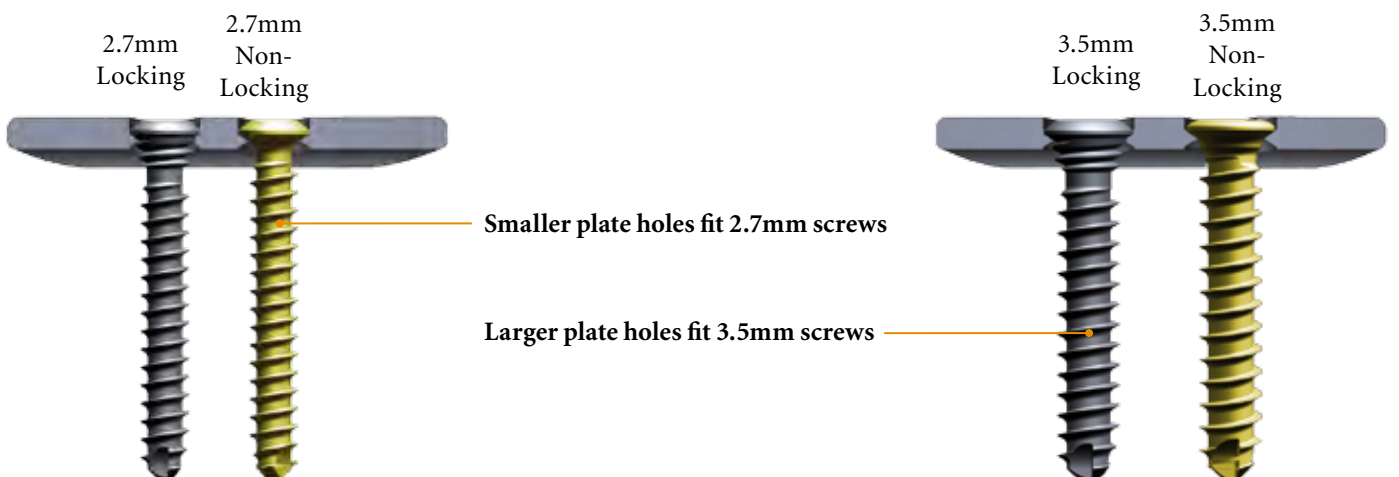
The SmartLock Locking Technology is patented (US 6,322,562; DE 43 43 117; EP 1 143 867) by Professor Dietmar Wolter, Hamburg, Germany.

Overview

Plate Options



Screw Options



Indications

The VariAx Foot Locking Plate System is indicated for use in internal fixation, reconstruction or arthrodeses of small bones, including those in the forefoot, midfoot, and hindfoot. The physician's education, training and professional judgment must be relied upon to choose the most appropriate device and treatment option.











Examples of Applications

- 1st Metatarsal Phalangeal Joint (MPJ) Arthrodesis, with or without interpositional bone graft
- Proximal Osteotomy of Metatarsals 1 - 5
- Lapidus Fusion
- Lisfranc Arthrodesis
- Isolated Lisfranc Arthrodesis, Metatarsal Cuneiform Joint (MCJ) 1 - 5
- Metatarsal Fractures
- Talo-Navicular (TN) Arthrodesis
- Calcaneal-Cuboid (CC) Arthrodesis
- Calcaneus Fractures

Relative Contraindications

- Inadequate bone quantity and quality
- Patients with active infections
- Patients with metal allergies and foreign body sensitivity
- Severely non-compliant patients with mental or neurological conditions who are unwilling or incapable of following postoperative care instructions
- Patients with limited blood supply or insufficient quality or quantity of bone
- Patients with unstable physical and/or mental health conditions

The table below lists several common surgical foot indications, together with the VariAx Foot implants that are suggested to treat these indications.

Examples of Applications	Implant										
											
1 st MPJ Arthrodesis , with or without Interpositional Bone Graft	x	x	x	x			x	x			
Proximal Osteotomy of MT 1 - 5	x	x					x	x			
Lapidus Fusion	x	x	x	x			x	x			
Lisfranc Arthrodesis					x	x					
Isolated Lisfranc Arthrodesis, MCJ 1-5	x	x					x	x			
Metatarsal Fractures	x	x	x	x			x	x			
TN Arthrodesis					x	x					
CC Arthrodesis					x	x					
Calcaneal Fractures									x	x	

Operative Technique

The Operative Technique listed below is designed to provide a general overview on the instruments and procedure required to implant a VariAx Foot plate.

Planning and Preparation

Clear identification and classification of the fracture, osteotomy, or fusion site should first be established preoperatively using the appropriate methods and visualization. Appropriate surgical incisions are performed to expose the implantation site. An osteotomy can then be performed, and articular surfaces can be removed, if necessary (not illustrated).

Stabilization, Provisional Plate Placement

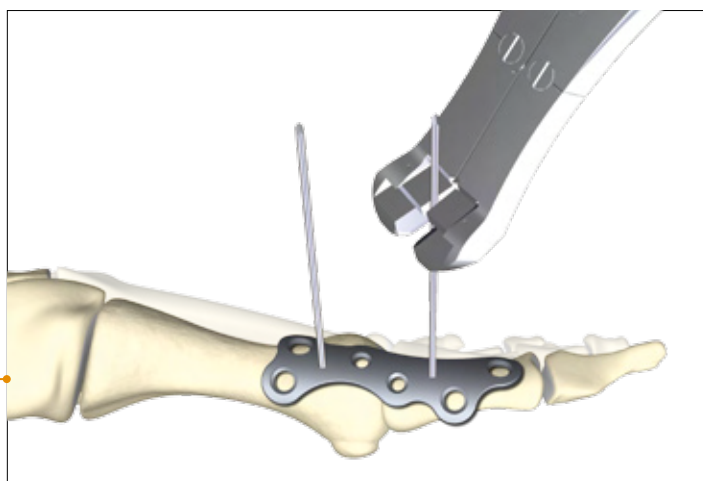
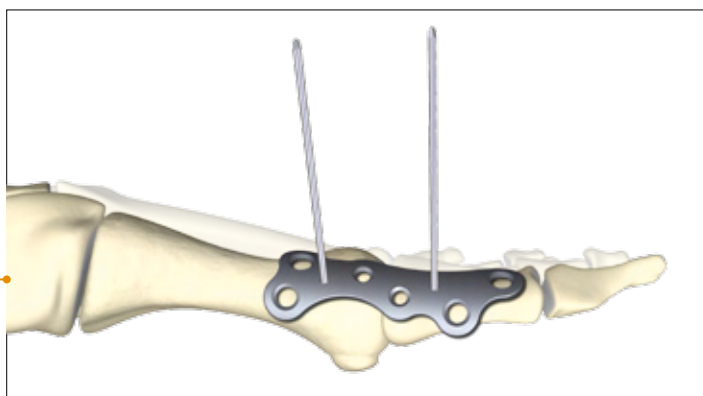
Establish primary stabilization of the fracture, osteotomy, or fusion site, using the included 1.4mm K-Wires (45-80200).

VariAx foot plates can be removed from the plate tray and handled using the Forceps with Grasping Lips (64-20129). These forceps are designed to fit inside a single plate hole, and hold the plate in place by expanding and making contact with the inner circumference of the hole.

Most VariAx Foot Plates include K-wire holes that are designed to accommodate 1.4mm Trocar Tipped K-wires, for use in temporarily stabilizing the plates to bone. The K-Wire Cutting Pliers (45-80020) can be used to cut the K-Wires to the desired length. This instrument includes a silicon inlay which prevents the cut end of a K-Wire from being ejected from the instrument.

Although some VariAx Foot plates are pre-contoured, additional contouring of the plates is possible using the Plate Bending Pliers (45-80010).

Please note: excessive plate bending may lead to failure of the locking mechanism, and is not recommended. The Plate Bending Pliers are designed to only be used in circular holes, and must not be used inside oval holes.



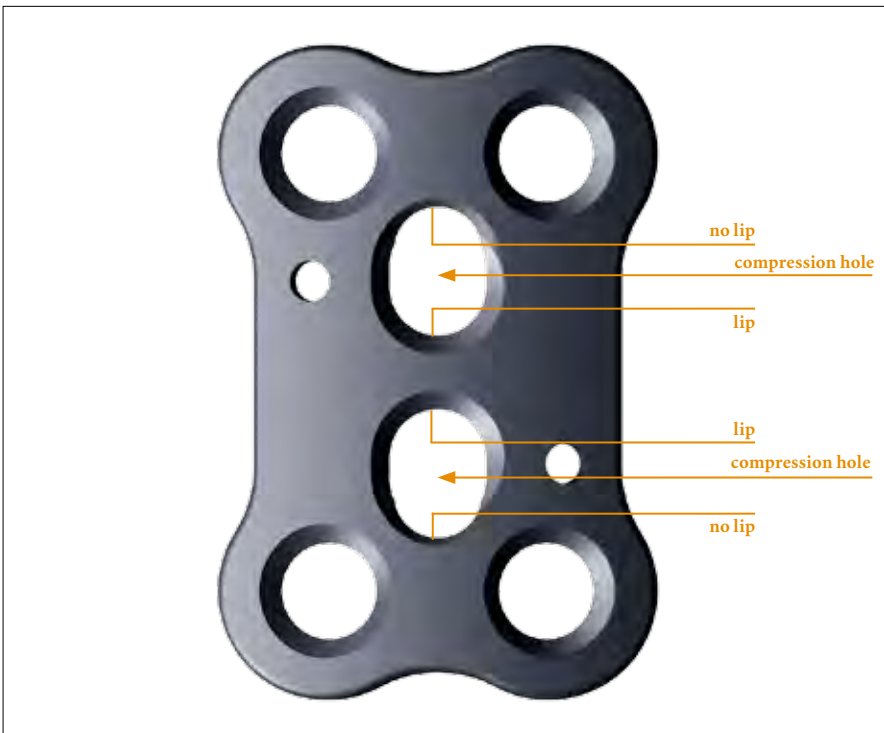
Operative Technique

Plate Hole Configurations



Important:

1. Each round screw hole in a VariAx Foot Plate is designed to accommodate a specific size of screw - the smaller holes accommodate 2.7mm screws, and the larger holes accommodate 3.5mm screws. These screws and holes are **NOT** interchangeable - a 3.5mm screw must not be used in a 2.7mm screw hole, and a 2.7mm screw must not be used in a 3.5mm screw hole.



2. Some VariAx Foot plates include oval locking compression holes, which are designed to accommodate a specific size of screw - the smaller oval holes accommodate 2.7mm screws, and the larger oval holes accommodate 3.5mm screws. These screws and holes are **NOT** interchangeable - a 3.5mm screw must not be used in a 2.7mm compression hole, and a 2.7mm screw must not be used in a 3.5mm compression hole.

The oval holes allow for the active compression of different bone segments along the long axis of an oval hole. In a compression hole, a drill hole can be created in an eccentric position in the part of the oval hole that has no lip. As the screw is tightened, the screwhead glides into the area of the hole that has a lip. If a locking screw is used, the screw can then be locked into the plate in a single step.

Please note: If the complete compression of two bone fragments takes place before a locking screw has been able to fully glide into the area of an oval locking hole that has a lip, locking may not be possible.

Operative Technique

Preparation for Screw Insertion

A drill guide must first be placed into a corresponding plate screw hole (in a plate), prior to pre-drilling a pilot hole. The Drill Guide for Circular Locking Holes (45-80001) must be used in circular holes. This instrument has two ends: one end is designed only to be used when pre-drilling for 2.7mm screws (and is indicated with black lines), and the other end is designed only to be used when pre-drilling for 3.5mm screws (and is indicated by yellow lines).

The drill guide is designed to limit drilling to a $\pm 15^\circ$ angle with respect to the plate. Drilling at an angle greater than $\pm 15^\circ$ may prevent locking from taking place, and is not recommended.

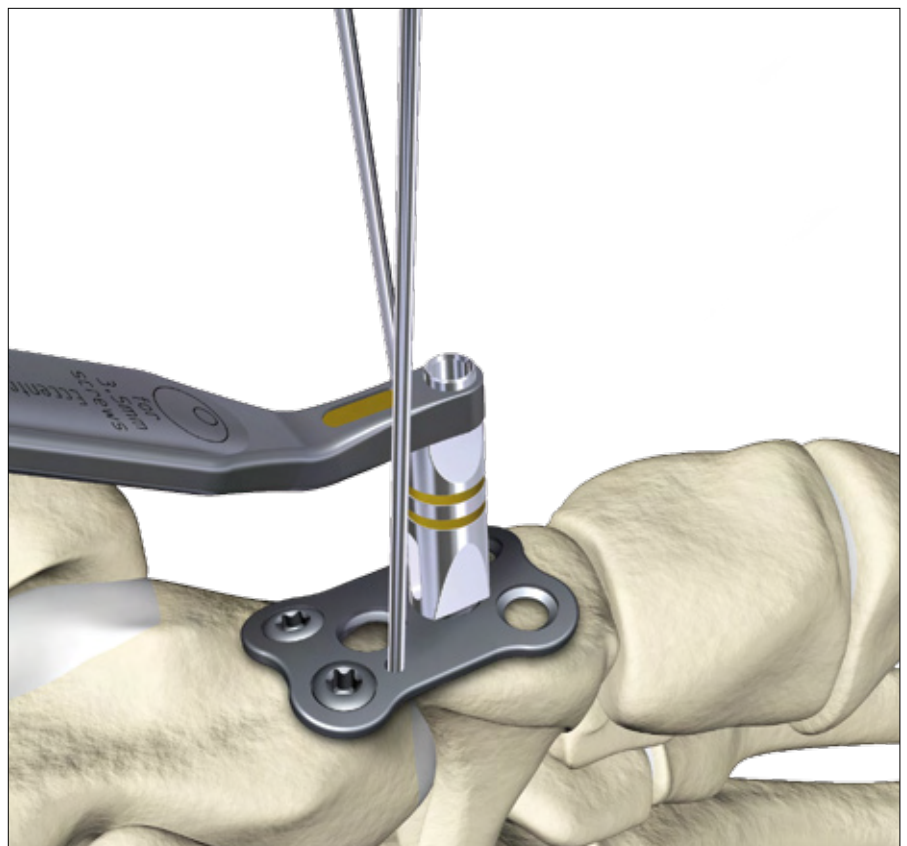
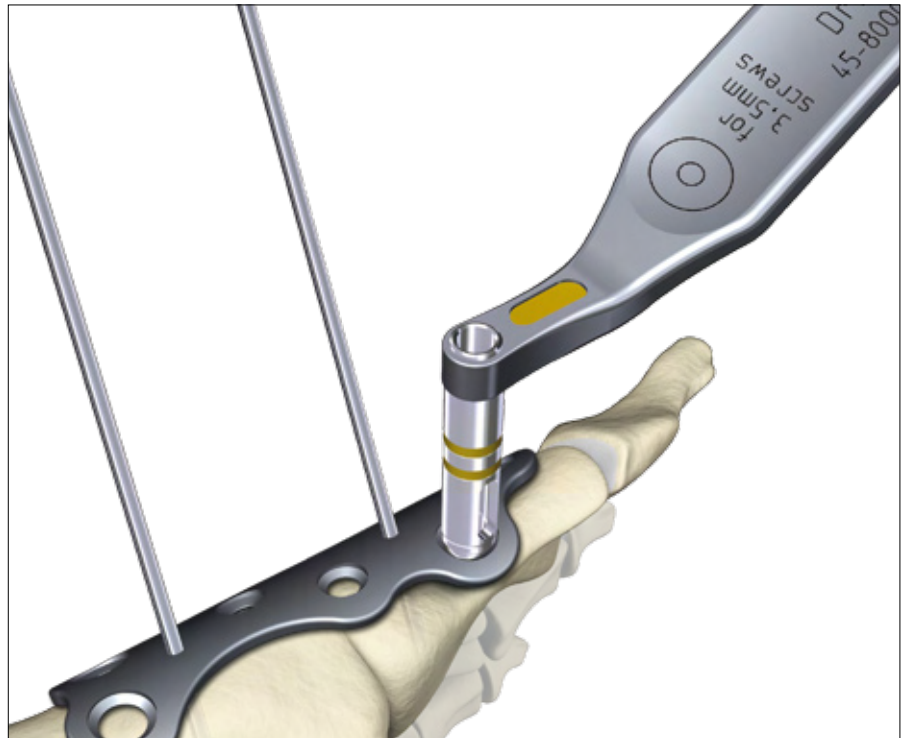
If drilling through an oval compression hole, the Drill Guide for Oval Compression Holes (45-80005) must be used. This drill guide has two ends: one end is designed only to be used when pre-drilling for 2.7mm screws (and is indicated with black lines), and the other end is designed only to be used when pre-drilling for 3.5mm screws (and is indicated by yellow lines). This drill guide is marked showing an eccentric position of the drill hole with respect to the plate screw hole.

Compression is only possible in one direction, and the drill guide must be positioned such that the drill hole will be created on the side of the oval compression hole which does not have a locking lip.

Note:

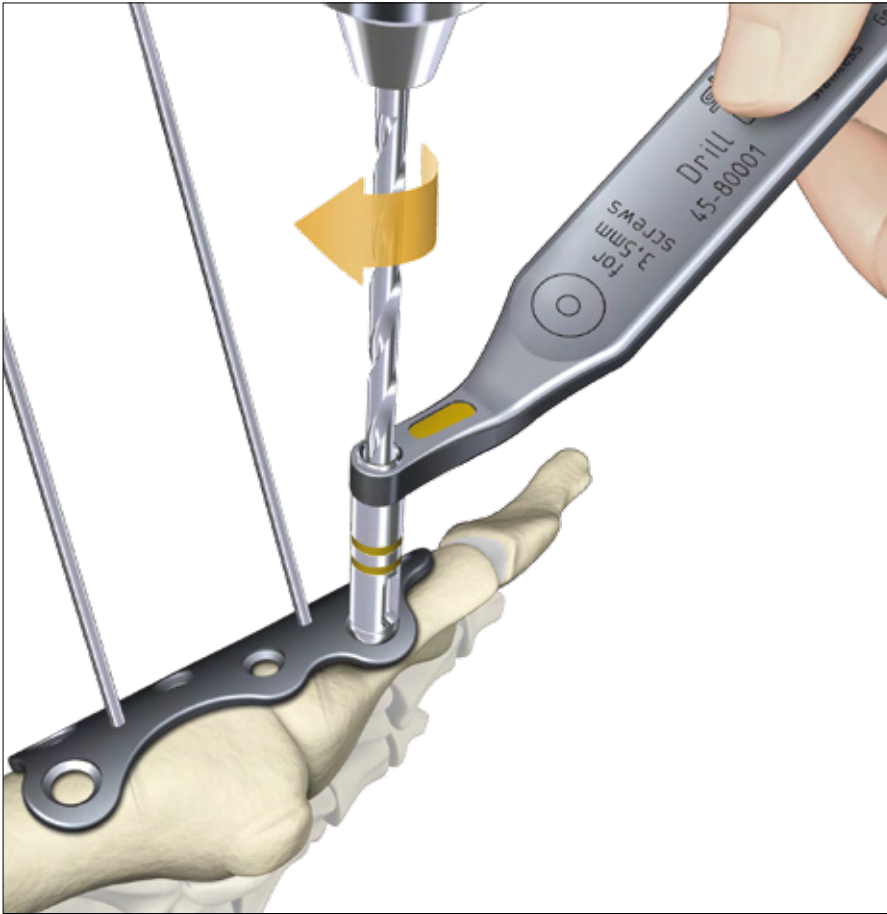
Drill guides should always fit securely within a screw hole – a mismatch between the drill guide and the plate hole indicates that the wrong dimension drill guide has been chosen.

The Drill Guide for Oval Compression Holes must be placed at a 90° angle to the plate, and cannot be angulated.

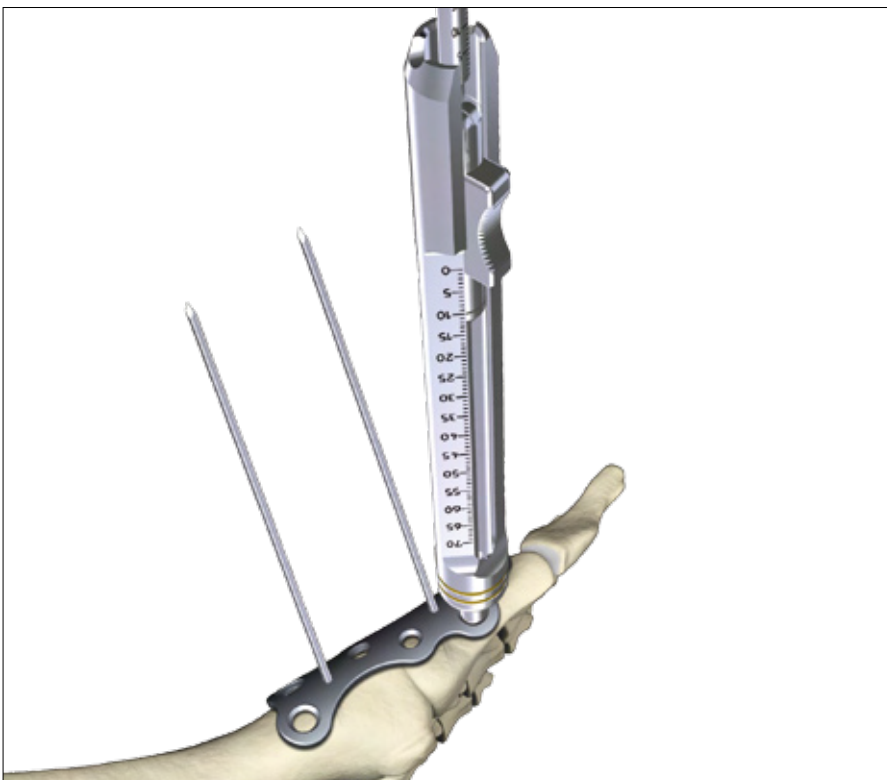


Operative Technique

Preparation for Screw Insertion



Use the appropriate twist drill to create a pilot hole through the drill guide. The twist drills are color coded to match the color associated with the drill guide: the 2.7mm drill guide has a black line on it, which matches the black line on the 2.0mm Twist Drill (45-27010, which is used to pre-drill for 2.7mm screws). Similarly, the 3.5mm drill guide has a yellow line on it, which matches the yellow line on the 2.6mm Twist Drill (45-35010, which is used to pre-drill for 3.5mm screws).



Measure the depth of the predrilled hole using the appropriate depth gauge. For 2.7mm screw holes, use the Depth Measuring Gauge for 2.7mm Screws (45-27001). For 3.5mm screw holes, use the Depth Measuring Gauge for 3.5mm Screws (45-35001). As with the twist drills and drill guides, the depth gauges are color-coded with black or yellow lines (to be used to measure 2.7mm or 3.5mm screws, respectively). Always measure the depth of the predrilled hole by inserting the depth gauge first through the plate, and then into the predrilled hole. The depth gauges are designed to measure for bicortical screws only, and the hook of the depth gauge must be hooked onto the surface of the opposite cortex. The sleeve of the depth gauge must be fully inserted into the respective plate hole prior to measuring. Failure to measure without a plate will result in a false reading.

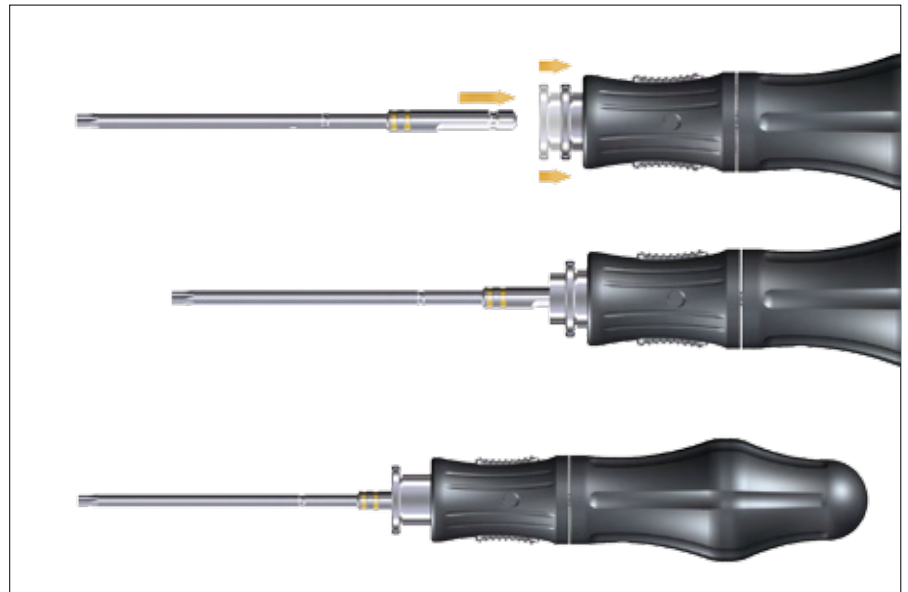
Although the locking and non-locking screws found in the VariAx Foot system are self-tapping, there may be certain circumstances when the use of a tap may be desired. For 2.7mm screw holes, use the Tap for 2.7mm Screws (45-27005), and for 3.5mm holes, use the Tap for 3.5mm Screws (45-35005). The taps are similarly color coded black (2.7mm), and yellow (3.5mm).

Operative Technique

Preparation for Screw Insertion

Assemble the appropriate Screwdriver Blade (with AO fitting) with the Screwdriver Handle, Revolving/Rigid, AO (45-85000).

Please note: the black coded Screwdriver Blade, AO, T7 (45-27015) is used to insert 2.7mm screws, and the yellow coded Screwdriver Blade, AO, T10 (45-35015) is used to insert 3.5mm screws. Begin by pushing the AO quick-connect sleeve towards the body of the Screwdriver Handle, insert the screwdriver blade into the AO quick-connect coupling, and then release the sleeve.



Holding sleeves for screws can be used to securely attach a screw to the screwdriver during screw insertion. The yellow coded Holding Sleeve for 3.5mm Screws (45-35030), and the black coded Holding Sleeve for 2.7mm Screws (45-27030) are used for 3.5mm, or 2.7mm screws, respectively. Assemble the appropriate holding sleeve and slide it over the screwdriver until it engages, as shown.

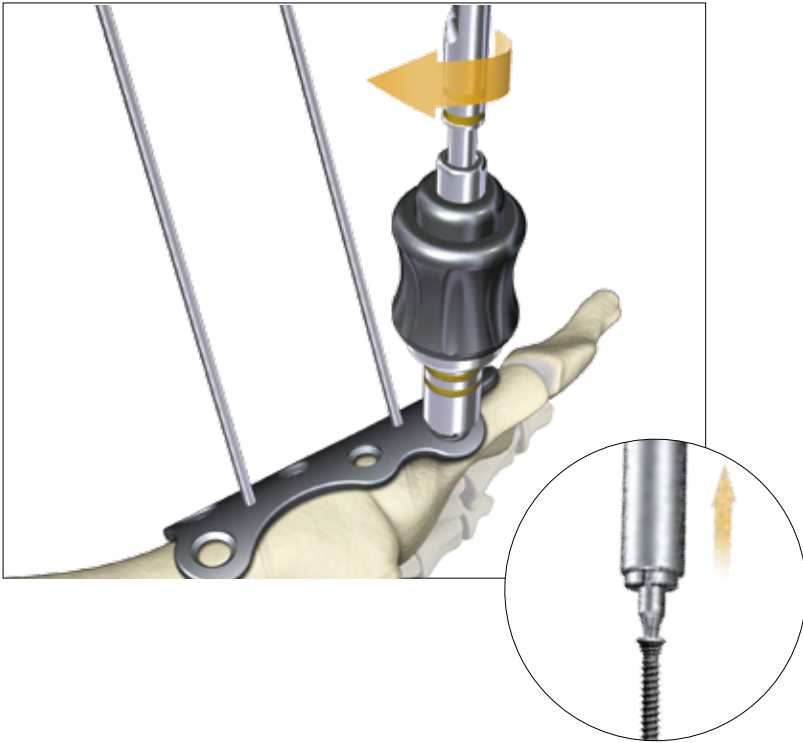


Push the holding sleeve back so that the tip of the screwdriver becomes visible. Engage the screwdriver tip with the head of the chosen screw, then push the Holding Sleeve forward, as shown. The holding sleeve will engage with the head of the screw, firmly holding it in place. The screw can then be removed securely from the screw rack, and the screw can be inserted into the plate.



Operative Technique

Screw Insertion



Insert the screw into the predrilled hole using the screwdriver assembly.

Prior to final tightening, as the screw head approaches the plate, draw the holding sleeve back from the screw head, and remove the screwdriver from the screw. Final tightening is not recommended until all desired screws have been provisionally inserted into a plate.

Repeat drilling, measuring, and placement of locking or non-locking screws in the remaining holes, as required. Always remember to use the appropriate sized drill guide.

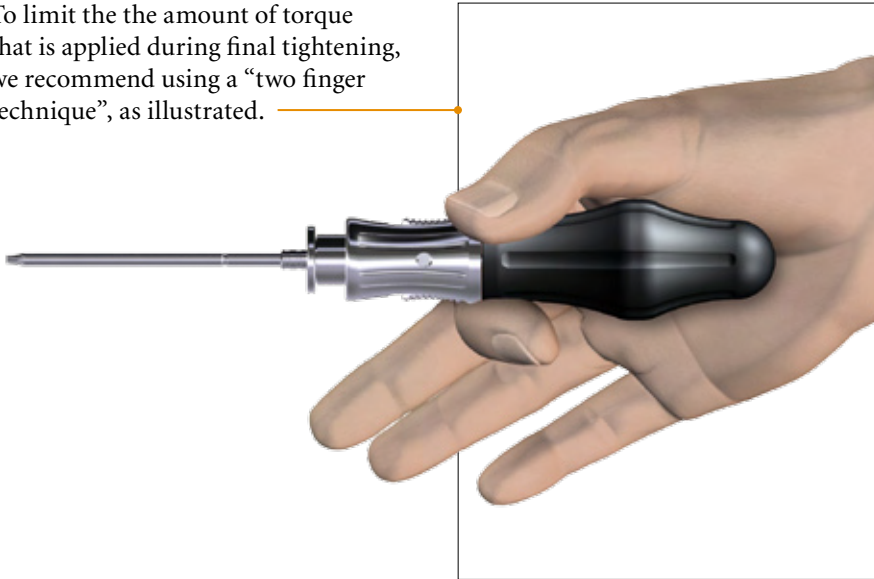
Final Tightening



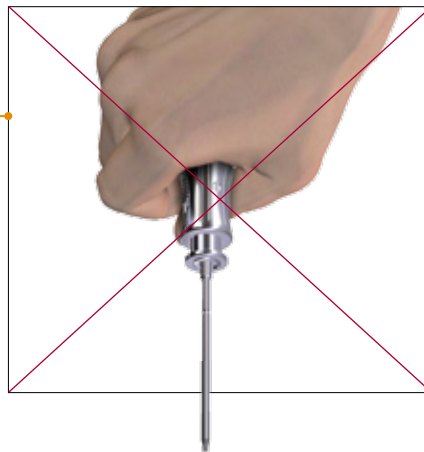
The highly efficient T7 interface (for 2.7mm screws) and T10 interface (for 3.5mm screws) facilitates effective transmission of torque from the screwdriver blade to the screw. Accordingly, applying excessive torque during screw insertion is not recommended, and may result in damage to the screwdriver blade.

Final Tightening

To limit the the amount of torque that is applied during final tightening, we recommend using a “two finger technique”, as illustrated.



Gripping the handle firmly within the whole hand, as illustrated, is not recommended, as an excessive amount of torque can be applied.



Note:
The screwdriver handle contains a switch which allows the metal and plastic segments of the handle to either independently rotate, or to be rigidly locked together. When performing final tightening, the switch on the screwdriver handle must be in the fully-locked position (in which the position of the switch is closest to the base of the handle).

Using two finger tightening, final tightening of all the screws can then be performed.

Please note that the screw head does not need to be completely flush with the plate to be securely locked. The screw will be securely locked within the plate by using the two finger tightening technique, as described above.

Operative Technique

Final Tightening



Note:

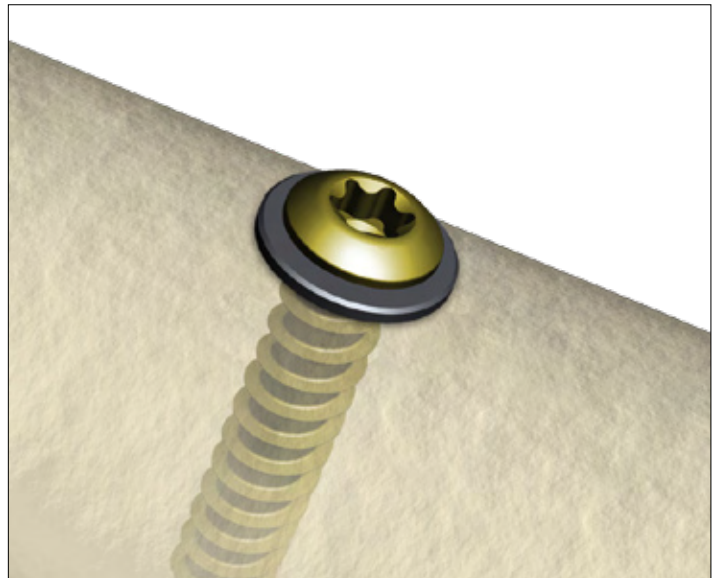
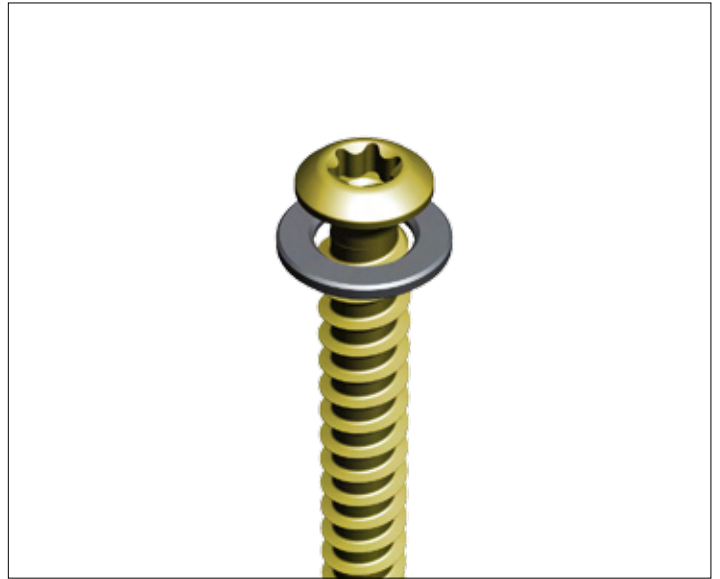
Following final tightening, VariAx Locking Screws can be removed and repositioned at a different angle in the same hole up to a maximum of three times. Attempting to reposition a VariAx Locking screw in a hole that has already been locked three times is not recommended.

Verify proper placement of screws by use of fluoroscopy to ensure that there is no penetration of joint spaces.



















Operative Technique

Optional: Washers






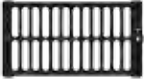












VariAx Foot non-locking screws can also be used as independent implants, separate from a plate. If indicated, non-locking screws can also be used together with a washer, to increase the surface contact area between the head of a screw, and bone. For 3.5mm screws, use a Washer for 3.5mm Screws (40-35900), and for 2.7mm screws, use a Washer for 2.7mm Screws (40-27900).



Ordering Information

	REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
Instruments				
	45-27005	Tap for 2.7mm Screws, AO, 50mm	1	1
	45-35005	Tap for 3.5mm Screws, AO, 70mm	1	1
	45-27001	Depth Measuring Gauge for 2.7mm Screws	1	1
	45-35001	Depth Measuring Gauge for 3.5mm Screws	1	1
	45-80001	Drill Guide for Circular Locking Holes	1	1
	45-80005	Drill Guide for Oval Compression Holes	1	1
	45-27015	Screwdriver Blade, AO, T7	2	2
	45-35015	Screwdriver Blade, AO, T10	2	2
	45-85000	Screwdriver Handle, Revolving/Rigid, AO	2	2
	45-35030	Holding Sleeve for 3.5mm screws	1	1
	45-27030	Holding Sleeve for 2.7mm screws	1	1
	45-80010	Plate Bending Pliers	2	2
	45-80020	K-Wire Cutting Pliers (max 1.6mm)	1	1
	64-20129	Forceps with Grasping Lips	1	1
Twist Drills				
	45-27010	Drill, 2.0mm x 102mm, WL50mm, AO-Shaft	2	2
	45-35010	Drill, 2.6mm x 122mm, WL70mm, AO-Shaft	2	2
Optional Instruments				
	45-80030	Joint Distraction Forceps	0	optional
	29-13462	Accessory Tray	optional	optional

Ordering Information

	REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
Modules And Trays				
	29-35000	Sterilization Container, 3 levels	1	0
	29-13009	Sterilization Container, 4 levels	0	1
	29-35200	Stryker Foot Container Lid - Half Size	1	1
	29-31400	VariAx Foot Instrument Tray	1	1
	29-31007	Drawer for Screw Racks	0	1
	29-31000	Deluxe Plate Module (includes Lid)	0	1
	29-31021	Inlay for Recon and Trauma Plates	0	1
	29-31022	Inlay for Calcaneus Plates	0	1
	29-31004	Screw Rack for 3.5 Locking Screws (includes Lid)	0	1
	29-31005	Screw Rack for 3.5 Bone Screws (includes Lid)	0	1
	29-31006	Screw Rack for 2.7 Screws (includes Lid)	0	1
	29-31050	Basic Plate Module (includes Lid)	1	0
	29-31052	Inlay 1 for Basic Plate Module	1	0
	29-31053	Inlay 2 for Basic Plate Module	1	0
	29-50000	Inlay Generic	0	1
Miscellaneous				
	45-80000	Spring for Holding Sleeve	0	0
	29-31013	Lid for Screw Rack	0	0
	29-31012	Lid for Deluxe Plate Module	0	0
	29-31051	Lid for Basic Plate Module	0	0

Ordering Information

3.5mm LOCKING SCREWS



REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
40-35610	Locking Screw, T10, 3.5x10mm	5	4
40-35612	Locking Screw, T10, 3.5x12mm	5	4
40-35614	Locking Screw, T10, 3.5x14mm	5	4
40-35616	Locking Screw, T10, 3.5x16mm	5	4
40-35618	Locking Screw, T10, 3.5x18mm	5	4
40-35620	Locking Screw, T10, 3.5x20mm	5	4
40-35622	Locking Screw, T10, 3.5x22mm	5	4
40-35624	Locking Screw, T10, 3.5x24mm	5	4
40-35626	Locking Screw, T10, 3.5x26mm	5	4
40-35628	Locking Screw, T10, 3.5x28mm	5	4
40-35630	Locking Screw, T10, 3.5x30mm	0	4
40-35632	Locking Screw, T10, 3.5x32mm	0	4
40-35634	Locking Screw, T10, 3.5x34mm	0	4
40-35636	Locking Screw, T10, 3.5x36mm	0	4
40-35638	Locking Screw, T10, 3.5x38mm	0	4
40-35640	Locking Screw, T10, 3.5x40mm	0	4
40-35642	Locking Screw, T10, 3.5x42mm	0	4
40-35644	Locking Screw, T10, 3.5x44mm	0	4
40-35646	Locking Screw, T10, 3.5x46mm	0	4
40-35648	Locking Screw, T10, 3.5x48mm	0	4
40-35650	Locking Screw, T10, 3.5x50mm	0	4
40-35655	Locking Screw, T10, 3.5x55mm	0	4
40-35660	Locking Screw, T10, 3.5x60mm	0	4
40-35665	Locking Screw, T10, 3.5x65mm	0	4
40-35670	Locking Screw, T10, 3.5x70mm	0	4

2.7mm LOCKING SCREWS



REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
40-27608	Locking Screw, T7, 2.7x8mm	0	4
40-27610	Locking Screw, T7, 2.7x10mm	5	4
40-27612	Locking Screw, T7, 2.7x12mm	5	4
40-27614	Locking Screw, T7, 2.7x14mm	5	4
40-27616	Locking Screw, T7, 2.7x16mm	5	4
40-27618	Locking Screw, T7, 2.7x18mm	5	4
40-27620	Locking Screw, T7, 2.7x20mm	5	4
40-27622	Locking Screw, T7, 2.7x22mm	5	4
40-27624	Locking Screw, T7, 2.7x24mm	5	4
40-27626	Locking Screw, T7, 2.7x26mm	5	4
40-27628	Locking Screw, T7, 2.7x28mm	5	4
40-27630	Locking Screw, T7, 2.7x30mm	0	4
40-27632	Locking Screw, T7, 2.7x32mm	0	4
40-27634	Locking Screw, T7, 2.7x34mm	0	4
40-27636	Locking Screw, T7, 2.7x36mm	0	4
40-27638	Locking Screw, T7, 2.7x38mm	0	4
40-27640	Locking Screw, T7, 2.7x40mm	0	4
40-27645	Locking Screw, T7, 2.7x45mm	0	4
40-27650	Locking Screw, T7, 2.7x50mm	0	4

Ordering Information

3.5mm NON-LOCKING SCREWS



REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
40-35010	Bone Screw, T10, 3.5x10mm	3	4
40-35012	Bone Screw, T10, 3.5x12mm	3	4
40-35014	Bone Screw, T10, 3.5x14mm	3	4
40-35016	Bone Screw, T10, 3.5x16mm	3	4
40-35018	Bone Screw, T10, 3.5x18mm	3	4
40-35020	Bone Screw, T10, 3.5x20mm	3	4
40-35022	Bone Screw, T10, 3.5x22mm	3	4
40-35024	Bone Screw, T10, 3.5x24mm	3	4
40-35026	Bone Screw, T10, 3.5x26mm	3	4
40-35028	Bone Screw, T10, 3.5x28mm	3	4
40-35030	Bone Screw, T10, 3.5x30mm	0	4
40-35032	Bone Screw, T10, 3.5x32mm	0	4
40-35034	Bone Screw, T10, 3.5x34mm	0	4
40-35036	Bone Screw, T10, 3.5x36mm	0	4
40-35038	Bone Screw, T10, 3.5x38mm	0	4
40-35040	Bone Screw, T10, 3.5x40mm	0	4
40-35042	Bone Screw, T10, 3.5x42mm	0	4
40-35044	Bone Screw, T10, 3.5x44mm	0	4
40-35046	Bone Screw, T10, 3.5x46mm	0	4
40-35048	Bone Screw, T10, 3.5x48mm	0	4
40-35050	Bone Screw, T10, 3.5x50mm	0	4
40-35055	Bone Screw, T10, 3.5x55mm	0	4
40-35060	Bone Screw, T10, 3.5x60mm	0	4
40-35065	Bone Screw, T10, 3.5x65mm	0	4
40-35070	Bone Screw, T10, 3.5x70mm	0	4

2.7mm NON-LOCKING SCREWS



REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
40-27008	Bone Screw, T7, 2.7x8mm	0	4
40-27010	Bone Screw, T7, 2.7x10mm	3	4
40-27012	Bone Screw, T7, 2.7x12mm	3	4
40-27014	Bone Screw, T7, 2.7x14mm	3	4
40-27016	Bone Screw, T7, 2.7x16mm	3	4
40-27018	Bone Screw, T7, 2.7x18mm	3	4
40-27020	Bone Screw, T7, 2.7x20mm	3	4
40-27022	Bone Screw, T7, 2.7x22mm	3	4
40-27024	Bone Screw, T7, 2.7x24mm	3	4
40-27026	Bone Screw, T7, 2.7x26mm	3	4
40-27028	Bone Screw, T7, 2.7x28mm	3	4
40-27030	Bone Screw, T7, 2.7x30mm	0	4
40-27032	Bone Screw, T7, 2.7x32mm	0	4
40-27034	Bone Screw, T7, 2.7x34mm	0	4
40-27036	Bone Screw, T7, 2.7x36mm	0	4
40-27038	Bone Screw, T7, 2.7x38mm	0	4
40-27040	Bone Screw, T7, 2.7x40mm	0	4
40-27045	Bone Screw, T7, 2.7x45mm	0	4
40-27050	Bone Screw, T7, 2.7x50mm	0	4

Ordering Information

WASHERS



REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
40-35900	Washer for 3.5mm screw	0	10
40-27900	Washer for 2.7mm screw	0	10

K-WIRES & STEINMANN PINS
























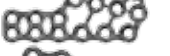




REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
45-80100	K-Wire, Fully Threaded, 1.6mm x 200mm	4	4
45-80200	K-Wire, Smooth, 1.4mm x 100mm	4	4
45-80300	Steinmann Pin, Smooth, 2.5mm x 100mm	0	optional

TWIST DRILLS



REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
45-27010	Drill, 2.0mm x 102mm, WL50mm, AO-Shaft	2	2
45-35010	Drill, 2.6mm x 122mm, WL70mm, AO-Shaft	2	2

Ordering Information

Plates	REF	Description	Quantity per Basic Set	Quantity per Deluxe Set
	40-15011	Curved Plate, 4 holes	2	2
	40-15012	Curved Plate, 5 holes, Right	2	2
	40-15013	Curved Plate, 5 holes, Left	2	2
	40-15014	Curved Plate, 6 holes	2	2
	40-15021	H-Plate, Small	0	2
	40-15022	H-Plate, Medium	0	2
	40-15023	H-Plate, Large	0	2
	40-15031	Rectangular Compression Plate, size 1	0	2
	40-15032	Rectangular Locking Plate, size 2	0	2
	40-15033	Rectangular Compression Plate, size 2	2	2
	40-15041	Broad Straight Plate, Short	0	2
	40-15042	Broad Straight Plate, Medium	0	2
	40-15043	Broad Straight Plate, Long	0	2
	40-15061	3-D Plate, Left	2	2
	40-15062	3-D Plate, Right	2	2
	40-15071	Oblique T-Plate, Left	2	2
	40-15072	Oblique T-Plate, Right	2	2
	40-15081	T-Plate	0	2
	40-15091	L-Plate, Left	2	2
	40-15092	L-Plate, Right	2	2
	40-10102	Calcaneus Mesh Plate, Small	0	2
	40-10104	Calcaneus Mesh Plate, Medium	0	2
	40-10106	Calcaneus Mesh Plate, Large	0	2
	40-10112	Calcaneus Standard Plate, Small	0	2
	40-10114	Calcaneus Standard Plate, Medium	0	2
	40-10116	Calcaneus Standard Plate, Large	0	2

Notes

Notes

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