# ORTHOLOC<sup>™</sup> 3Di Ankle Fracture LP System

SURGICAL TECHNIQUE



### ORTHOLOC<sup>®</sup> 3Di

Ankle Fracture LP System

SURGICAL TECHNIQUE

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Please contact your local Wright representative for product availability.

Proper surgical procedures and techniques are the responsibility of the medical professional. The following guidelines are furnished for information purposes only. Each surgeon must evaluate the appropriateness of the procedures based on his or her personal medical training and experience. Prior to use of the system, the surgeon should refer to the product package insert for complete warnings, precautions, indications, contraindications and adverse effects. Package inserts are also available by contacting the manufacturer. Contact information can be found on the back of this surgical technique and the package insert is available on the website listed.

### Introduction

#### Description

#### Introduction

Ankle fractures are the most common intra-articular fracture of a weightbearing joint'. These injuries present a multitude of classifications and degree of severity. The ORTHOLOC<sup>™</sup> 3Di Ankle Fracture System combines a complete selection of indication specific implants and instruments with an advanced and versatile locked plate technology, providing a comprehensive single tray solution to these complex indications.

#### Intended Use

#### Indications

Wright's ORTHOLOC 3Di Ankle Fracture Plating System is intended for fixation of fractures, osteotomies, and non-unions of the distal tibia and fibula such as:

- » Lateral Malleolar Fractures
- » Syndesmosis Injuries
- » Medial Malleolar Fractures
- » Bi-Malleolar Fractures
- » Tri-Malleolar Fractures
- » Posterior Malleolar Fractures
- » Distal Anterior Tibia Fractures
- » Vertical Shear Fractures of the Medial Malleolus
- » Pilon Fractures
- » Distal Tibia Shaft Fractures
- » Distal Fibula Shaft Fractures
- » Distal Tibia Periarticular Fractures
- » Medial Malleolar Avulsion Fractures
- » Lateral Malleolar Avulsion Fractures

ORTHOLOC 3Di Locking Screws are intended for use with Wright's ORTHOLOC 3Di Plating Systems of the same base material. ORTHOLOC Bone Screws are indicated for use in bone reconstruction, osteotomy, arthrodesis, joint fusion, fracture repair, and fracture fixation, appropriate for the size of the device. Wright's washers are intended to prevent a screw head from breaking through the cortex of the bone by distributing the forces/load over a large area when used for fracture fixation of bone fragments.

#### Contraindications

There are no device specific contraindications.

Prior to use of the system, the surgeon should refer to the product package insert for complete warnings, precautions, indications, contraindications and adverse effects. Package inserts are also available by contacting the manufacturer. Contact information can be found on the back of this surgical technique and the package insert is available on the website listed.

### **Device Description**

#### **Plate Selection**

Plate style and size selection is based on the fracture type and patient anatomy. Preoperative planning is vital to the overall outcome of the ankle fracture fixation. Choose an implant that addresses the specific needs dictated by the fraction location, fracture type, and classification. In addition, consideration must be given to the individual anatomic variations of the patient.











Syndesmosis

Lateral Fibula

1/3 Tublar

Medial Malleolar

**Posterior Malleolar** 

Plat	e	Length	Shaft Width	Head Width	Shaft Thickness	Head Thickness	Hole Count	Orientation
Syndesmosis	Straight	38.5mm	10mm	N/A	1.5mm	N/A	4	Universal
Syndesmosis	Offset	38.5mm	10mm	N/A	1.5mm	N/A	4	Universal
	Straight	77mm 89mm 101mm 113mm 125mm	9mm	15mm	1.5mm	1.3mm	9 10 11 12 13	Left/Right
Lateral Fibula Offset	77mm 89mm 101mm 113mm 125mm	Main: 9mm Offset: 10mm	15mm	1.5mm	1.3mm	9 10 11 12 13	Left/Right	
Straight Ti	ubular	64mm 76mm 88mm 100mm 124mm 148mm	9mm	N/A	1.3mm	N/A	4 5 6 7 8 10 12	Universal
Hook Pl	ates	S: 50mm L: 70mm	8.75mm	N/A	1.5mm	1.5mm	4 6	Universal
Medial 1	Гibia	S:74mm L:104mm	10mm	18mm	1.5mm	1.3mm	9 11	Universal
Posterior	Tibia	S: 57mm L: 70mm	10mm	18mm	1.5mm	1.5mm	5 6	Universal



FIGURE 1

#### **Screw Selection**

The ORTHOLOC 3Di locking hole has been designed to provide the surgeon with a broad range of fixation options. All 3Di locking holes will accept 2.7mm and 3.5mm locking screws. Locking screws can be locked on-axis with the plates threads or up to 15 degrees off-axis in any direction (30 degrees conical), FIGURE 1. In addition, six options of 3.5mm and 4.0mm non-locking screws can be used in all 3Di locking holes.

Screw diameter and size are determined by anatomy and fixation goals. All screws are self-tapping, but do require the use of color coded pre-drills and provided instrumentation.



#### 2.7mm Locking Screw:

- » On axis and polyaxial locking capability
- » Cortical Thread
- » 2.0mm Pre-drill
- » 10 18mm lengths
- » Color Code: Grey



#### 3.5mm Cortical Bone Screw:

» Cortical Thread

- » Fully Threaded
- » 2.5mm Pre-drill
- » 10 60mm lengths
- » Color Code: Bronze



4.0mm Cancellous Bone Screw:

- » Cancellous Thread
- » Partially Threaded
- » 2.5mm Pre-drill
- » 20 60mm lengths
- » Color Code: Green



#### 3.5mm Locking Screw:

- » On axis and polyaxial locking capability
- » Cortical Thread
- » 2.8mm Pre-drill » 10 - 60mm lengths
- » Color Code: Purple



4.0mm Cortical Bone Screw:

- » Cortical Thread
- » Fully Threaded
- » 2.8mm Pre-drill
- » 40 60mm lengths
- » Color Code: Gold



4.0mm Cancellous Bone Screw:

- » Cancellous Thread
- » Partially Threaded
- » Cannulated Design (1.4mm K-Wire)
- » 3.0mm Pre-drill
- » 20 60mm lengths
- » Color Code: Blue





Washers are intended to prevent a screw head from breaking through the cortex of the bone by distributing the forces/load over a large area.

Chapter 1 Introduction



3.5mm Low-Profile Screw:

- » On axis and polyaxial locking capability
- » Cortical Thread
- » 2.5mm Pre-drill » 10 - 60mm lengths
- » Color Code: Bronze



4.0mm Cancellous Bone Screw:

- » Cancellous Thread
- » Fully Threaded
- » 2.5mm Pre-drill
- » 12 60mm lengths
- » Color Code: Green

### Surgical Procedure

## chapter UU

#### Incision

Several incision options are available for ankle fractures. Preoperative fluoroscopy and/or CT scan should be used in determining the proper approach. Incision location should take into account the fracture type and anatomy.

#### **Fracture Reduction**

Anatomic reduction is performed and length restored. In case of comminution and bone loss, the contralateral ankle is used as a reference for accuracy. Temporary fixation of the bone is achieved using the bone reduction forceps and/or K-wires provided in the ORTHOLOC 3Di Ankle Fracture LP System. Care is taken to ensure that the location of the forceps do not interfere with the planned location of the implants. Anatomic reduction is confirmed fluoroscopically.

#### **Plate Fixation**

#### **Provisional Plate Fixation**

Provisional plate fixation can be achieved with the temporary fixation pins provided in the ORTHOLOC 3Di Ankle Fracture LP System. After the desired location of the plate has been determined, use a wire driver to drive the temporary fixation pins through the optimal plate holes. Plate placement can now be verified fluoroscopically. | **FIGURE 2** 

#### **Plate Contouring**

The ORTHOLOC 3Di Ankle Fracture Plates are designed anatomically to reduce the need for inter-operative contouring. If some contouring is needed, in situ and back-table plate benders have been provided in the system.

When using the back-table bending irons, slide the plate in the slots and bend slightly where needed. The in situ benders are threaded into prominent holes on the plate and contoured down to the host bone. Always avoid excessive and reverse bending or over bending motions to prevent stress risers.

#### **Locking Screws**

The ORTHOLOC 3Di Locking hole has been designed to accept the 2.7mm and 3.5mm ORTHOLOC 3Di locking screws as well as six non-locking screw designs provided in the system. All locking screws can be placed on-axis with the internal plate threads or up to 15 degrees off axis in any directions (30 degree cone).

When using a locking screw on-axis with the plate, thread the appropriate locking drill guide into the 3Di locking hole, and use the corresponding drill **[FIGURE 3 and 4** through the guide to the appropriate depth.



FIGURE 2





FIGURE 3

FIGURE 4



FIGURE 5

All 3Di locking holes and locking screws have polyaxial locking capability. To engage a locking screw off-axis to the plate threads, place the polyaxial drill guide into the desired locking hole. Ensure the guide mates properly in the 3Di locking hole, | FIGURE 5, and the end of the guide being used corresponds to the appropriate pre-drill size. Drill to the desired depth using fluoroscopy to verify depth and screw placement.

#### **Determining Screw Length**

Screw length can be determined with the drill and drill guides or by using the depth gage included in the kit. Use the appropriate drill to penetrate through the proximal cortex and continue until the distal cortex is reached. Stop drilling just as the distal cortex of the bone is penetrated and note where the step in the drill meets the screw gauge on the guide.

Drive the selected screw manually using the Star 15 driver and the torque limiting handle until the screw is fully locked into the plate.

#### **Compression Slots**

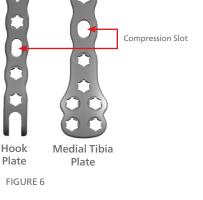
Compression across a fracture site can be achieved using the oblong compression slots in selected plates | FIGURE 6. Fixate the distal aspect of the selected plate using the appropriate locking or non-locking screw. Predrill the narrowest portion (proximal side) of the oblong hole. Determine screw length and drive the appropriate non-locking screw until fully engaged with the plate. Compression across the fracture site is created as the screw travels to the wider aspect of the plate.

#### Syndesmosis Fixation

The ORTHOLOC 3Di lateral fibula and syndesmosis plates feature anatomic syndesmosis holes for use with 3.5mm and 4.0mm Headed Cortical Compression screws. | FIGURE 7. These screw holes have been designed to place the chosen syndesmotic fixation in the correct anatomic "centroid" location by placing the entry point of the syndesmotic screw closer to the postero-lateral edge of the fibula. This hole contour allows for up to 30° of anterior screw angulation. Any 3Di non-locking bone screw can be placed through the syndesmotic holes, however a 4.0mm cortical, fully threaded solid screw is usually recommended for fixation.

Use the 2.5mm pre-drill for the 3.5mm screw and the 2.8mm pre-drill for the 4.0mm screw through the syndesmosis hole on either plate, and measure for screw length. Bicortical fixation is not required with this screw however it is strongly recommended. Drive the selected screw through the syndesmosis hole until fully seated in the plate and verify syndesmotic fixation fluoroscopically.

Washers for the headed screws are also included in the system.



3Di Lockina Holes



FIGURE 7



FIGURE 8

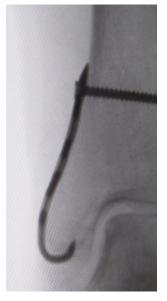


FIGURE 9

#### **Hook Plates**

The ORTHOLOC 3Di Hook plate is designed to be used on the lateral or the medial malleolus. There are two sizes, small and large, which correspond with the depth/offset of the plate's hooks. Each size is available in two different lengths, short (50mm) and long (70mm).

The Hook plates are designed to treat distal or comminuted malleolus fractures of the medial and lateral malleolus. The plate uses the ORTHOLOC 3Di locking mechanism and will allow for 2.7mm and 3.5mm locking and non-locking screws in all locking holes. The plate also features a compression slot to allow for dynamic compression.

A handle has been included in the instrumentation to aid in plate placement and impaction. | **FIGURE 8**.

#### Suggested Surgical Procedure:

- » Reduce the fracture and fix temporarily with a K-wire and/or reduction clamp.
- » Use the guide to select plate position.
- » Mark the pre-drill tip with a marker to make sure you do not lose the hole location.
- » Drill with the 2.5mm pre-drill.
- » Create a vertical cut into the ligaments (deltoid in medial and calcaneal fibular on lateral side). This step assures that the plate will sit flush on the bone. | **FIGURE 9**.
- » Attach plate to handle and place hooks in pre-drilled holes.
- » Place a screw into one of the proximal screw holes to hold the plate in place. Make sure and use a non-locking if inserting into the compression slot.

#### **Explant Information**

If the removal of the implant is required due to revision or failure of the device, the surgeon should contact the manufacturer using the contact information located on the back cover of this surgical technique to receive instructions for returning the explanted device to the manufacturer for investigation.

### Catalog Information

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Catalog Number	Description
PLATES	
5888401L	LATERAL FIBULA PLATE LT 77MM
5888401R	LATERAL FIBULA PLATE RT 77MM
5888402L	LATERAL FIBULA PLATE LT 89MM
5888402R	LATERAL FIBULA PLATE RT 89MM
5888403L	LATERAL FIBULA PLATE LT 101MM
5888403R	LATERAL FIBULA PLATE RT 101MM
5888404L	LATERAL FIBULA PLATE LT 113MM
5888404R	LATERAL FIBULA PLATE RT 113MM
5888405L	LATERAL FIBULA PLATE LT 125MM
5888405R	LATERAL FIBULA PLATE RT 125MM
5888501L	OFFSET LAT FIB PLATE LT 77MM
5888501R	OFFSET LAT FIB PLATE RT 77MM
5888502L	OFFSET LAT FIB PLATE LT 89MM
5888502R	OFFSET LAT FIB PLATE RT 89MM
5888503L	OFFSET LAT FIB PLATE LT 101MM
5888503R	OFFSET LAT FIB PLATE RT 101MM
5888504L	OFFSET LAT FIB PLATE LT 113MM
5888504R	OFFSET LAT FIB PLATE RT 113MM
5888505L	OFFSET LAT FIB PLATE LT 125MM
5888505R	OFFSET LAT FIB PLATE RT 125MM
58882010	HOOK PLATE SM SHORT
58882030	HOOK PLATE LG SHORT
58882011	HOOK PLATE SM LONG
58882031	HOOK PLATE LG LONG
58880105	STRAIGHT TUBULAR PLATE 5 HOLE
58880106	STRAIGHT TUBULAR PLATE 6 HOLE
58880107	STRAIGHT TUBULAR PLATE 7 HOLE
58880108	STRAIGHT TUBULAR PLATE 8 HOLE
58880110	STRAIGHT TUBULAR PLATE 10 HOLE
58880112	STRAIGHT TUBULAR PLATE 12 HOLE
58884010	SYNDESMOSIS PLATE
58884011	OFFSET SYNDESMOSIS PLATE
58889001	POSTERIOR TIBIA PLATE SM
58889003	POSTERIOR TIBIA PLATE LG
58885110	MEDIAL TIBIA PLATE SM
58885130	MEDIAL TIBIA PLATE LG
58886010	ANTERIOR TIBIA DELTA PLATE SM

58886030

5888701L

5888701R

5888702L

5888703R

SCREWS 58802710

58802712

50002712	LOCKING EG TID SCREW 2.7X12ININ
58802714	LOCKING LG HD SCREW 2.7X14MM
58802716	LOCKING LG HD SCREW 2.7X16MM
58802718	LOCKING LG HD SCREW 2.7X18MM
58803510	LOCKING SCREW 3.5 X 10MM
58803512	LOCKING SCREW 3.5 X 12MM
58803514	LOCKING SCREW 3.5 X 14MM
58803516	LOCKING SCREW 3.5 X 16MM
58803518	LOCKING SCREW 3.5 X 18MM
58803520	LOCKING SCREW 3.5 X 20MM
58803522	LOCKING SCREW 3.5 X 22MM
58803524	LOCKING SCREW 3.5 X 24MM
58803526	LOCKING SCREW 3.5 X 26MM
58803528	LOCKING SCREW 3.5 X 28MM
58803530	LOCKING SCREW 3.5 X 30MM
58803532	LOCKING SCREW 3.5 X 32MM
58803534	LOCKING SCREW 3.5 X 34MM
58803536	LOCKING SCREW 3.5 X 36MM
58803538	LOCKING SCREW 3.5 X 38MM
58803540	LOCKING SCREW 3.5 X 40MM
58803542	LOCKING SCREW 3.5 X 42MM
58803544	LOCKING SCREW 3.5 X 44MM
58803546	LOCKING SCREW 3.5 X 46MM
58803548	LOCKING SCREW 3.5 X 48MM
58803550	LOCKING SCREW 3.5 X 50MM
58803555	LOCKING SCREW 3.5 X 55MM
58803560	LOCKING SCREW 3.5 X 60MM
58813510	LOW-PRO CORT SCREW 3.5 X 10MM
58813512	LOW-PRO CORT SCREW 3.5 X 12MM
58813514	LOW-PRO CORT SCREW 3.5 X 14MM
58813516	LOW-PRO CORT SCREW 3.5 X 16MM
58813518	LOW-PRO CORT SCREW 3.5 X 18MM
58813520	LOW-PRO CORT SCREW 3.5 X 20MM
58813522	LOW-PRO CORT SCREW 3.5 X 22MM
58813524	LOW-PRO CORT SCREW 3.5 X 24MM

ANTERIOR TIBIA DELTA PLATE LG

ANTEROLATERAL TIBIA PLATE LT SM

ANTEROLATERAL TIBIA PLATE RT SM

ANTEROLATERAL TIBIA PLATE LT MD

ANTEROLATERAL TIBIA PLATE RT MD

LOCKING LG HD SCREW 2.7X10MM

LOCKING LG HD SCREW 2.7X12MM

58813526	LOW-PRO CORT SCREW 3.5 X 26MM
58813528	LOW-PRO CORT SCREW 3.5 X 28MM
58813530	LOW-PRO CORT SCREW 3.5 X 30MM
58813532	LOW-PRO CORT SCREW 3.5 X 32MM
58813534	LOW-PRO CORT SCREW 3.5 X 34MM
58813536	LOW-PRO CORT SCREW 3.5 X 36MM
58813538	LOW-PRO CORT SCREW 3.5 X 38MM
58813540	LOW-PRO CORT SCREW 3.5 X 40MM
58813542	LOW-PRO CORT SCREW 3.5 X 42MM
58813544	LOW-PRO CORT SCREW 3.5 X 44MM
58813546	LOW-PRO CORT SCREW 3.5 X 46MM
58813548	LOW-PRO CORT SCREW 3.5 X 48MM
58813550	LOW-PRO CORT SCREW 3.5 X 50MM
58813555	LOW-PRO CORT SCREW 3.5 X 55MM
58813560	LOW-PRO CORT SCREW 3.5 X 60MM
58934012	CANCELLOUS SCREW FULL 4.0X12
58934014	CANCELLOUS SCREW FULL 4.0X14
58934016	CANCELLOUS SCREW FULL 4.0X16
58934018	CANCELLOUS SCREW FULL 4.0X18
58934020	CANCELLOUS SCREW FULL 4.0X20
58934022	CANCELLOUS SCREW FULL 4.0X22
58934024	CANCELLOUS SCREW FULL 4.0X24
58934026	CANCELLOUS SCREW FULL 4.0X26
58934028	CANCELLOUS SCREW FULL 4.0X28
58934030	CANCELLOUS SCREW FULL 4.0X30
58934035	CANCELLOUS SCREW FULL 4.0X35
58934040	CANCELLOUS SCREW FULL 4.0X40
58934045	CANCELLOUS SCREW FULL 4.0X45
58934050	CANCELLOUS SCREW FULL 4.0X50
58934055	CANCELLOUS SCREW FULL 4.0X55
58934060	CANCELLOUS SCREW FULL 4.0X60
58944020	CANCELLOUS SCREW PART 4.0X20
58944022	CANCELLOUS SCREW PART 4.0X22
58944024	CANCELLOUS SCREW PART 4.0X24
58944026	CANCELLOUS SCREW PART 4.0X26
58944028	CANCELLOUS SCREW PART 4.0X28
58944030	CANCELLOUS SCREW PART 4.0X30
58944035	CANCELLOUS SCREW PART 4.0X35
58944040	CANCELLOUS SCREW PART 4.0X40
58944045	CANCELLOUS SCREW PART 4.0X45
58944050	CANCELLOUS SCREW PART 4.0X50
58944055	CANCELLOUS SCREW PART 4.0X55

58944060	CANCELLOUS SCREW PART 4.0X60
D1N40020S	HEADED SCREW 4.0MM X 20MM
D1N40022S	HEADED SCREW 4.0MM X 22MM
D1N40024S	HEADED SCREW 4.0MM X 24MM
D1N40026S	HEADED SCREW 4.0MM X 26MM
D1N40028S	HEADED SCREW 4.0MM X 28MM
D1N40030S	HEADED SCREW 4.0MM X 30MM
D1N40032S	HEADED SCREW 4.0MM X 32MM
D1N40034S	HEADED SCREW 4.0MM X 34MM
D1N40036S	HEADED SCREW 4.0MM X 36MM
D1N40038S	HEADED SCREW 4.0MM X 38MM
D1N40040S	HEADED SCREW 4.0MM X 40MM
D1N40042S	HEADED SCREW 4.0MM X 42MM
D1N40044S	HEADED SCREW 4.0MM X 44MM
D1N40046S	HEADED SCREW 4.0MM X 46MM
D1N40048S	HEADED SCREW 4.0MM X 48MM
D1N40052S	HEADED SCREW 4.0MM X 52MM
D1N40056S	HEADED SCREW 4.0MM X 56MM
D1N40060S	HEADED SCREW 4.0MM X 60MM
58913510	CORTICAL SCREW FULL 3.5X10MM
58913512	CORTICAL SCREW FULL 3.5X12MM
58913514	CORTICAL SCREW FULL 3.5X14MM
58913516	CORTICAL SCREW FULL 3.5X16MM
58913518	CORTICAL SCREW FULL 3.5X18MM
58913520	CORTICAL SCREW FULL 3.5X20MM
58913522	CORTICAL SCREW FULL 3.5X22MM
58913524	CORTICAL SCREW FULL 3.5X24MM
58913526	CORTICAL SCREW FULL 3.5X26MM
58913528	CORTICAL SCREW FULL 3.5X28MM
58913530	CORTICAL SCREW FULL 3.5X30MM
58913532	CORTICAL SCREW FULL 3.5X32MM
58913534	CORTICAL SCREW FULL 3.5X34MM
58913536	CORTICAL SCREW FULL 3.5X36MM
58913538	CORTICAL SCREW FULL 3.5X38MM
58913540	CORTICAL SCREW FULL 3.5X40MM
58913542	CORTICAL SCREW FULL 3.5X42MM
58913544	CORTICAL SCREW FULL 3.5X44MM
58913546	CORTICAL SCREW FULL 3.5X46MM
58913548	CORTICAL SCREW FULL 3.5X48MM
58913550	CORTICAL SCREW FULL 3.5X50MM
58913552	CORTICAL SCREW FULL 3.5X52MM
58913554	CORTICAL SCREW FULL 3.5X54MM

58913556	CORTICAL SCREW FULL 3.5X56MM
58913558	CORTICAL SCREW FULL 3.5X58MM
58913560	CORTICAL SCREW FULL 3.5X60MM
58924040	CORTICAL SCREW FULL 4.0X40MM
58924042	CORTICAL SCREW FULL 4.0X42MM
58924044	CORTICAL SCREW FULL 4.0X44MM
58924046	CORTICAL SCREW FULL 4.0X46MM
58924048	CORTICAL SCREW FULL 4.0X48MM
58924050	CORTICAL SCREW FULL 4.0X50MM
58924052	CORTICAL SCREW FULL 4.0X52MM
58924054	CORTICAL SCREW FULL 4.0X54MM
58924056	CORTICAL SCREW FULL 4.0X56MM
58924058	CORTICAL SCREW FULL 4.0X58MM
58924060	CORTICAL SCREW FULL 4.0X60MM
INSTRUMENTS/CONSU	JMABLES
58850025	DRILL BIT 2.5MM X 60MM
58850028	DRILL BIT 2.8MM X 60MM
58850035	DRILL BIT 3.5MM X 60MM
58850040	DRILL BIT 4.0MM X 60MM
58850020	DRILL BIT 2.0MM X 64MM
58872025	DRILL GUIDE 2.0 / 2.5 W/TEETH*
58872030	DRILL GUIDE 2.8 / 3.0 W/TEETH*
58872040	DRILL GUIDE 3.5 / 4.0 W/TEETH*
58881T15	DRIVER STAR 15 SELF RETAINING
5362000160	DEPTH GAUGE 60MM
58880133	HANDLE
58880131	HOOK IMPACTOR SM
DSDS1060	COUNTERSINK 6.0MM CANNULATED
58870002	COUNTERSINK 6MM SOLID
58850030	DRILL BIT 3.0MM X 60MM CANN
58820024	TEMP FIXATION PIN 1.4MM LG
DSDS1014	K-WIRE 1.4 X150MM BLUNT/TROCAR
DSDS0015	DRIVER STAR #15 CANNULATED
58861T15	DRIVER STAR 15 STRAIGHT
5881003540	WASHER 3.5 / 4.0MM SCREW
5882000040	REDUCTION FORCEPS SERRATED
5882000045	REDUCTION FORCEPS POINTED
5882000050	MALLEOLAR REDUCTION FORCEPS
5882000080	REDUCTION FORCEPS PNT/SERRATED
5882000055	VERBRUGGE CLAMP
58884013	SYNDESMOSIS CLAMP TIPS
58872030	LOCKING 2.0MM DRILL GUIDE

58872560LOCKING 2.8MM DRILL GUIDE58870000K-WIRE GUIDE 1.4MM58810035DRILL GUIDE 2.5MM INSERT58870040DRILL GUIDE 2.5MM INSERT58870140DRILL GUIDE 2.8MM INSERTDSD50006DEPTH GAUGE SMALL SCREW41112017AO QUICK CONNECT CANNULATED5887003THREADED BENDING IRON536200004CURVED ELEVATOR520200008BONE FRAGMENT PICK58871012TORQUE LIMITING DRIVER HANDLE58871010NON-TORQUE LIMITING DRIVER HANDLE58884012Syndesmosis Compression Clamp5885100Offset Lateral Fib Plate5880100Straight Tubular Plate5890BASEANK FX BASE TRAY ASSEMBLY5890FBPLFIBULA PLATE		
58810035DRILL GUIDE 2.5MM INSERT58870040DRILL GUIDE 2.5MM INSERT58870140DRILL GUIDE 2.8MM INSERTDSDS0006DEPTH GAUGE SMALL SCREW41112017AO QUICK CONNECT CANNULATED58872031SLOTTED PLATE BENDER58870003THREADED BENDING IRON5362000004CURVED ELEVATOR520200008BONE FRAGMENT PICK58872028POLY LOCKING DRILL GUIDE58871012TORQUE LIMITING DRIVER HANDLE58871012Syndesmosis Compression Clamp58884012Syndesmosis Compression Clamp58885100Offset Lateral Fib Plate5880100Straight Tubular Plate5890BASEANK FX BASE TRAY ASSEMBLY	58872560	LOCKING 2.8MM DRILL GUIDE
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5888SCRW   OL 3Di Ankle FX Screw     58885100   Offset Lateral Fib Plate     58880100   Straight Tubular Plate     5890BASE   ANK FX BASE TRAY ASSEMBLY	58871010	NON-TORQUE LIMITING DRIVER HANDLE
58885100 Offset Lateral Fib Plate   58880100 Straight Tubular Plate   5890BASE ANK FX BASE TRAY ASSEMBLY	58884012	Syndesmosis Compression Clamp
58880100 Straight Tubular Plate   5890BASE ANK FX BASE TRAY ASSEMBLY	5888SCRW	OL 3Di Ankle FX Screw
5890BASE ANK FX BASE TRAY ASSEMBLY	58885100	Offset Lateral Fib Plate
	58880100	Straight Tubular Plate
5890FBPL FIBULA PLATE	5890BASE	ANK FX BASE TRAY ASSEMBLY
	5890FBPL	FIBULA PLATE
5890HKPL ANK HOOK PLATE	5890HKPL	ANK HOOK PLATE
5890TBPL TIBIA PLATE	5890TBPL	TIBIA PLATE
5890PNPL PILON PLATE	5890PNPL	PILON PLATE

\*The following part numbers are now available in some kits as an alternative.



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