

# MALLEOLAR 4.0<sub>mm</sub> CANNULATED SCREW KITS

SURGICAL TECHNIQUE



*Because **kids** are not just little adults.<sup>®</sup>*



**WISHBONE**  
MEDICAL

# TABLE OF CONTENTS

## **Introduction**

Kit Components .....	3-5
Indications .....	5

## **Surgical Technique**

.....	6-7
-------	-----

# SYSTEM COMPONENTS: IMPLANTS

## 4.0MM CANNULATED SCREWS, SHORT THREAD

Ti-6Al-4V titanium alloy

Cannulated shaft accepts 1.25mm diameter guide wires

Threaded and non-threaded wires available

Hemispherical head designed to have annular contact with washers

Low-profile head designed to recess into washer to reduce soft tissue irritation

Reverse-cutting flutes designed to assist in screw removal

Self-drilling, self-tapping flutes

Included in ea. kit: 2



**Thread length = 1/3 screw length**

36mm–44mm in 2mm increments; 50mm



6mm diameter head with T15 hexalobular drive

Spherical underside



2.7mm diameter shaft

Reverse-cutting flutes

Partially threaded

Self-drilling, self-tapping flutes

1.25mm guide wire



## WASHER, 7.0MM

Ti-6Al-4V titanium alloy

Designed to provide greater surface area of cortical bone contact

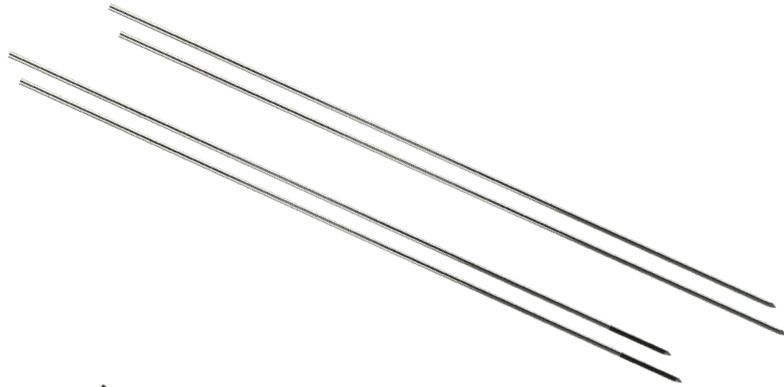
Included in ea. kit: 2



# SYSTEM COMPONENTS: INSTRUMENTS

## 1.25MM GUIDE WIRES

Threaded and non-threaded  
Trocarn tip  
150mm length



## 2.7MM CANNULATED DRILL BIT

Cannulation to suit 1.25mm guide wires  
150mm length  
AO Quick Connect Attachment



## PARALLEL WIRE GUIDE

Designed to allow for maneuvering around the medial malleolus  
Designed to allow sufficient spacing for two parallel screws



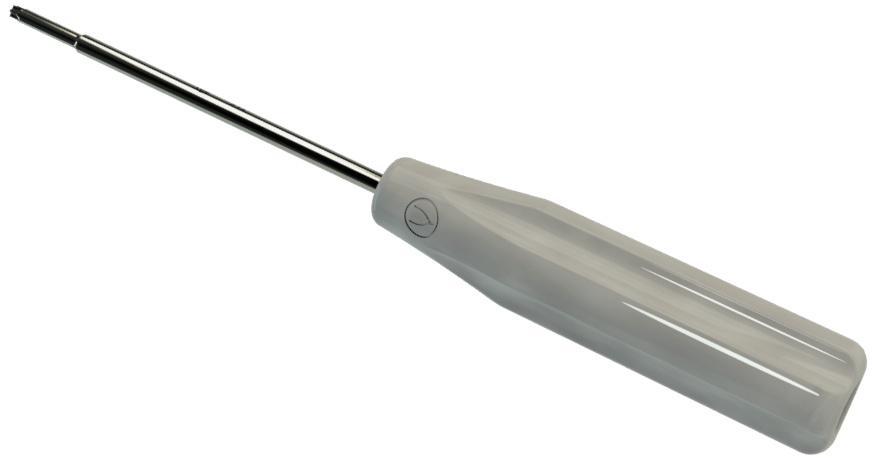
## DIRECT MEASUREMENT DEVICE

Designed to align with the overall length of guide wires  
Slides freely over the guide wire  
Designed to capture the guide wire



# SYSTEM COMPONENTS: INSTRUMENTS (CONT.)

CANNULATED T15 SCREWDRIVER



CANNULATED T15 AO QUICK  
CONNECT SCREWDRIVER SHAFT



For product information, including indications, contraindications, warnings, precautions and potential adverse effects, visit WishBone Medical's Instructions for Use page online: [www.WishBoneMedical.com/IFU](http://www.WishBoneMedical.com/IFU).

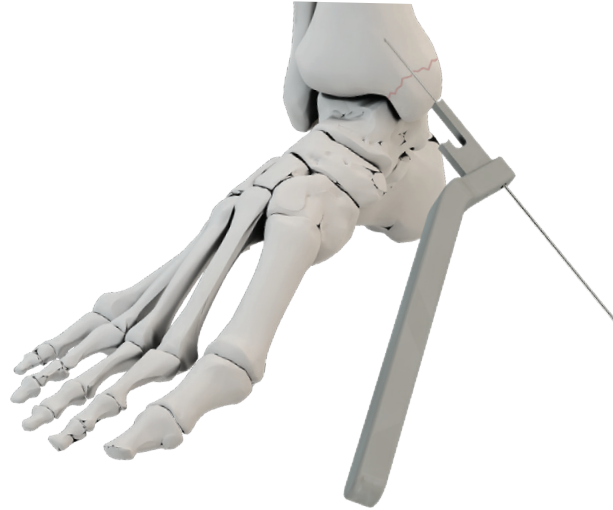
Select system components are available as sterile packed ancillary items. For more information, please refer to the WishBone Product Catalog (LIT-PC-WBM) or contact your local rep for product availability.



# SURGICAL TECHNIQUE

## 1 Insert Guide Wire

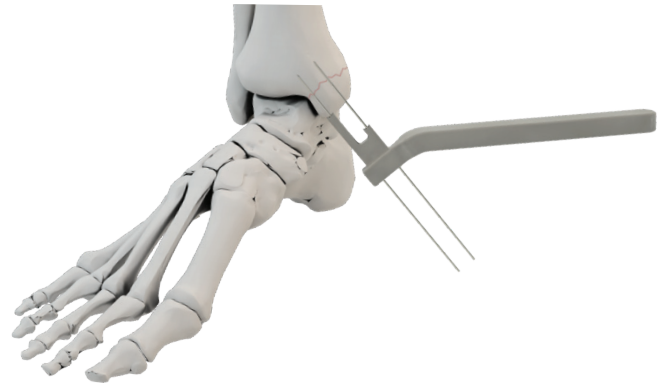
Insert a 1.25mm guide wire through the long end of the Parallel Wire Guide to the appropriate depth. Check placement of the wire with fluoroscopy.



## 2 Insert 2nd Guide Wire

Place Parallel Wire Guide over first pin into the short hole of the Parallel Wire Guide.

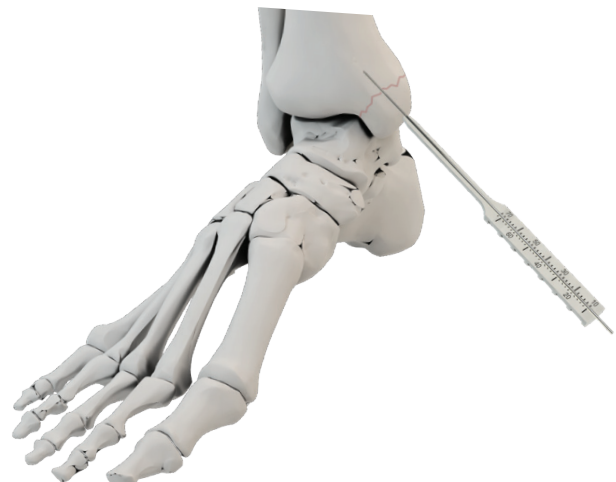
Insert the second 1.25mm guide wire through the long end of the Parallel Wire Guide to the appropriate depth. Check placement of guide wire with fluoroscopy.



## 3 Measure for Screw Length

Slide the tapered end of the Direct Measurement Device over the guide wire down to the bone.

Read the scale at the end of the guide wire to determine appropriate screw length.



# SURGICAL TECHNIQUE (CONT.)

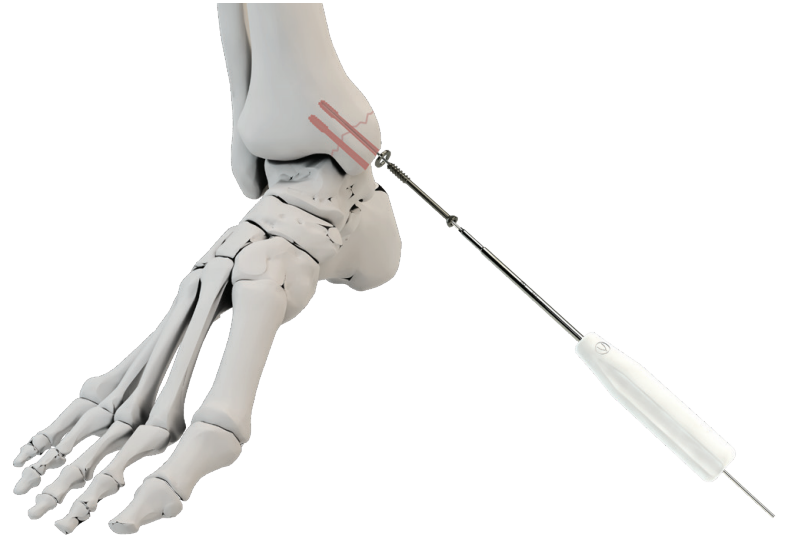
## 4 Insert Screw

Place the appropriate length screw over the guide wire. Use the Cannulated T15 Screwdriver, or the Cannulated T15 AO Quick Connect Screwdriver Shaft, to insert the screw.

Remove and discard the guide wire.

**Note:** In dense bone, use the 2.7mm cannulated drill bit prior to screw insertion. The washers provided in the kit may be used to prevent the screw head from sinking into the bone. Be careful not to overtighten.

**Caution:** Do not bend washers.



## Screw Removal

Expose the screw head and remove the screws using a solid T15 screwdriver for the removal of cannulated screws.

**Caution:** Do not use the Cannulated Screwdriver for implant removal.

All WishBone 4.0 Cannulated Screw Kits are only available as single-use, sterile packed kits. Always confirm product expiration date prior to use.





WISHBONE  
M E D I C A L

WishBoneMedical.com

100 Capital Drive  
Warsaw, IN 46582  
+1-574-306-4006

All trademarks herein are the property of WishBone Medical, Inc. or its subsidiaries unless otherwise indicated.

Caution: Federal law restricts this device to sale by or on the order of a physician. This material is intended for the sole use and benefit of Health Care Professionals and the WishBone Medical Sales Force. It is not to be redistributed, duplicated or disclosed without the express written consent of WishBone Medical. Always confirm product expiration date prior to use.

**For product information, including indications, contraindications, warnings, precautions and potential adverse effects, visit WishBone Medical's Instructions for Use page online: [www.WishBoneMedical.com/IFU](http://www.WishBoneMedical.com/IFU).**