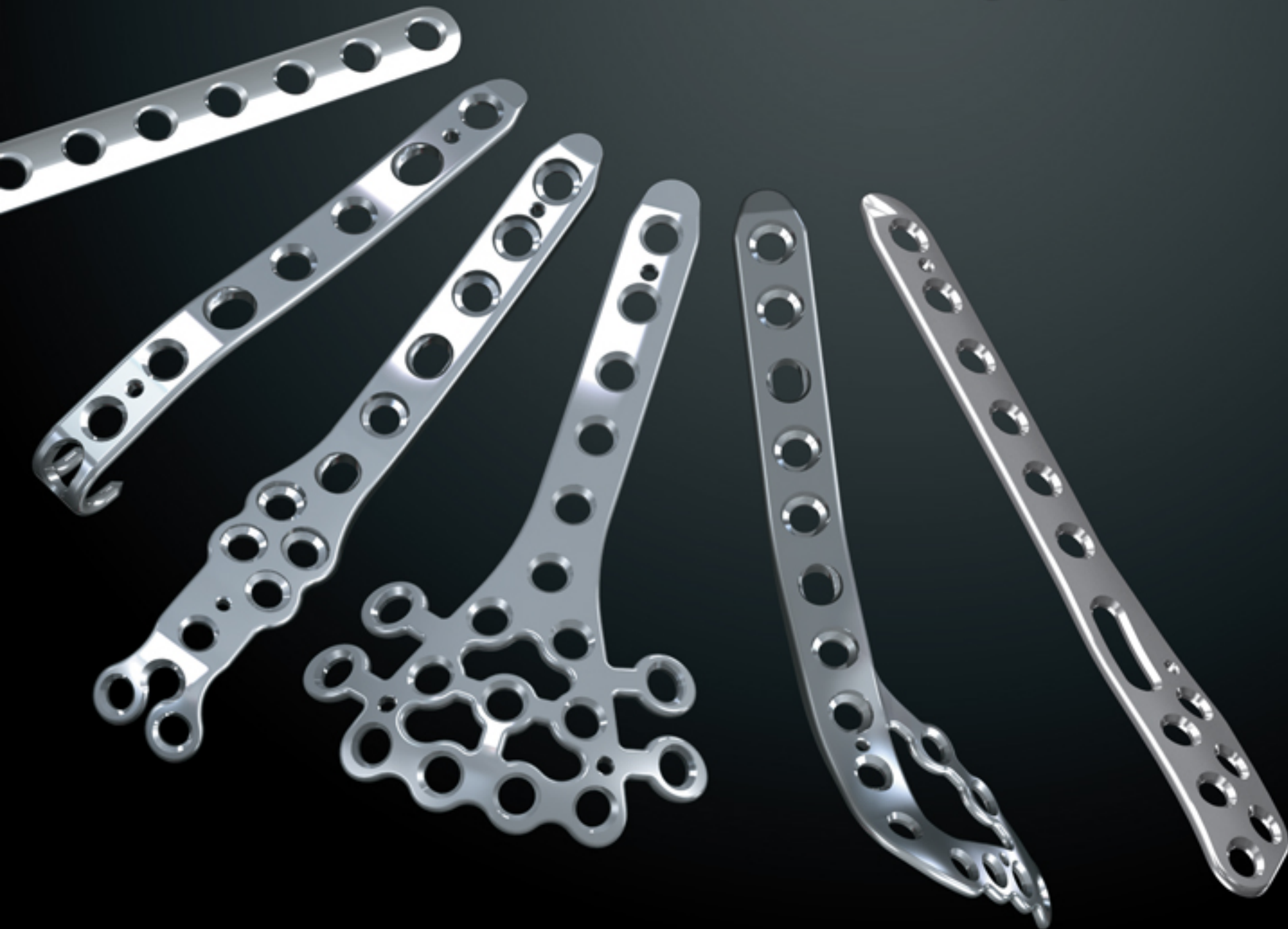


# EXTREMILOCK™

Ankle Plating System



*Rethinking Possibilities, Reshaping Lives*



# **EXTREMILOCK™**

Ankle Plating System

The ExtremiLOCK Ankle Plating System is a comprehensive ankle fracture system intended to provide solutions for simple to complex fractures of the distal tibia and fibula. The system is one of the first to feature double-lead screws in locking, non-locking and cannulated screw options. All system components are contained in a single instrument tray which houses six fracture plating options, seven screw fixation options, and comprehensive, color-coded instrumentation.

## **Key Indications**

- Medial Malleolar Fractures**
- Vertical Shear Fractures**
- Lateral Malleolar Fractures**
- Syndesmotic Injuries**
- Bi-Malleolar Fractures**
- Tri-Malleolar Fractures**
- Posterior Malleolar Fractures**
- Pilon Fractures**
- Distal Anterior Tibia Fractures**
- Distal Tibia and Fibula Shaft Fractures**
- Distal Tibia Periarticular Fractures**
- Medial and Lateral Avulsion Fractures**

# DOUBLE-LEAD SCREW TECHNOLOGY



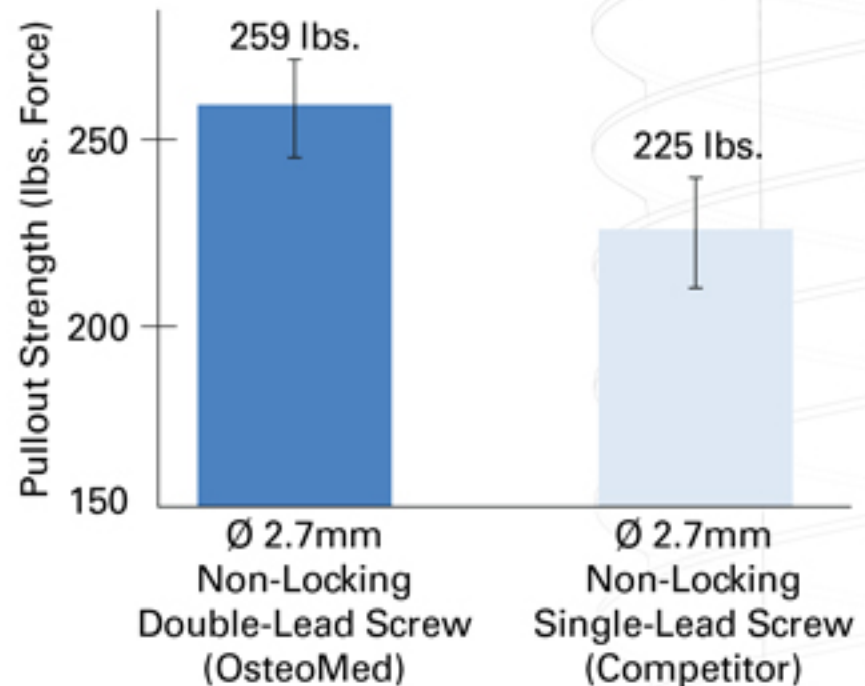
## Twice the Advancement

The ExtremiLOCK Ankle Plating System features double-lead screw technology. All locking, non-locking and cannulated screws have an additional screw thread that spans the length of the screw. This additional thread allows each screw to advance twice as fast when compared to a traditional single-lead screw. In addition, the pull-out strength of a double-lead screw is not compromised and is equivalent to or greater than a traditional single-lead screw.

## Superior Mechanical Properties

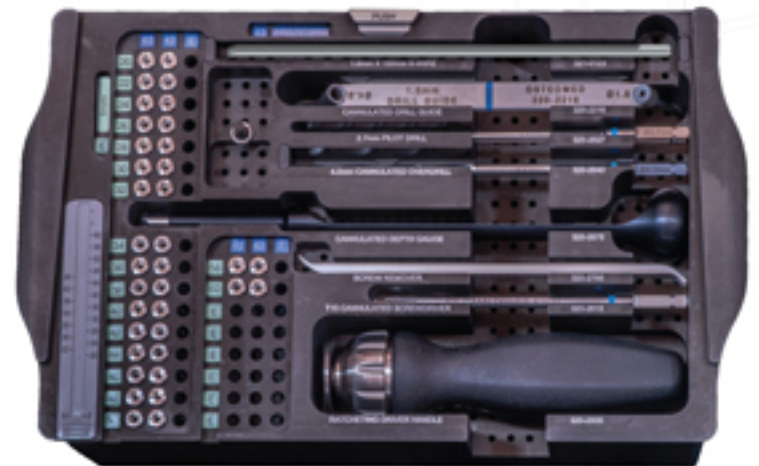
2.7mm double-lead screws have statistically greater pull-out strength when compared to competitive 2.7mm single-lead screws. 3.5mm double-lead screws have statistically equivalent pull-out strength when compared to competitive 3.5mm single-lead screws.

4.0mm double-lead screws exhibited 12% greater pull-out strength and 66% greater torsional strength when compared to 3.5mm double-lead screws.\*



## Stand-Alone Cannulated Screw Module

The ExtremiLOCK Ankle Plating System incorporates a stand-alone cannulated module that features a 4.0mm non-locking, cannulated screw offering. In addition to the double-lead thread pattern, the cannulated screws incorporate a cancellous thread for optimal bony purchase.



# COMPREHENSIVE PLATE OFFERING



## Anterior Tibia\*

A low-profile pilon fracture plate that incorporates removable extended tabs to allow additional screw placement options

## Anterior Lateral\*

Features a strut to promote a reduced distal profile as well as provide additional fixation at the metaphysis



## Medial Tibia\*

The distal tabs accommodate screw placement in the malleolar tip for complex fractures while the staggered fixation screws accommodate oblique fracture patterns

## Lateral Fibula

Features a syndesmotic slot that can accommodate up to two screws for syndesmotic fixation



## Universal Hook

A universal plate for avulsion fractures on either the fibula or tibia. A screw can be placed through the most distal hole for lag placement



## 1/3 Tubular

A universal locking plate ideal for atypical fractures that require a plating solution



# System Advantages

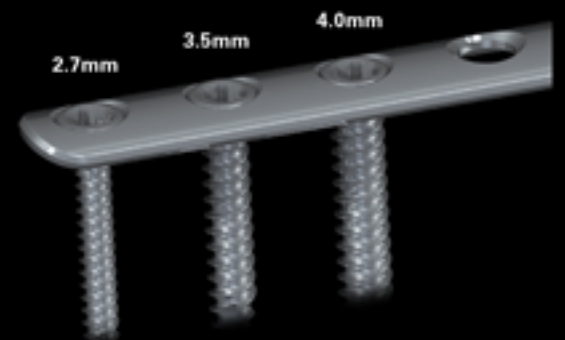
## Innovative Screw Technology

2.7mm, 3.5mm and 4.0mm cortical locking\* and non-locking screws, as well as 4.0mm cancellous non-locking, cannulated screws accompany the system. All screws feature a double-lead thread pattern, a standard drive mechanism and are self-tapping to promote efficient bony purchase. The 4.0mm cannulated screws also incorporate a self-drilling feature to facilitate screw insertion.



## Universal Screw Holes

Each circular plate hole can accommodate any 2.7mm, 3.5mm or 4.0mm diameter locking and non-locking screw, thus maximizing screw options to capture various sized bony fragments.



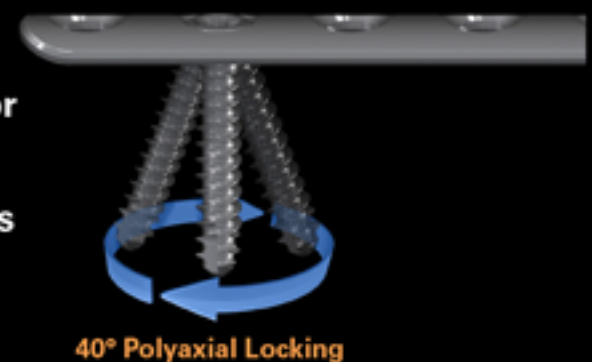
## Anatomic Plate Designs

ExtremiLOCK ankle plates are designed to match the contour of the bony anatomy. Chamfered tips assist with submuscular plate insertion. Soft, rounded edges and a highly smooth surface minimize any soft tissue irritation.



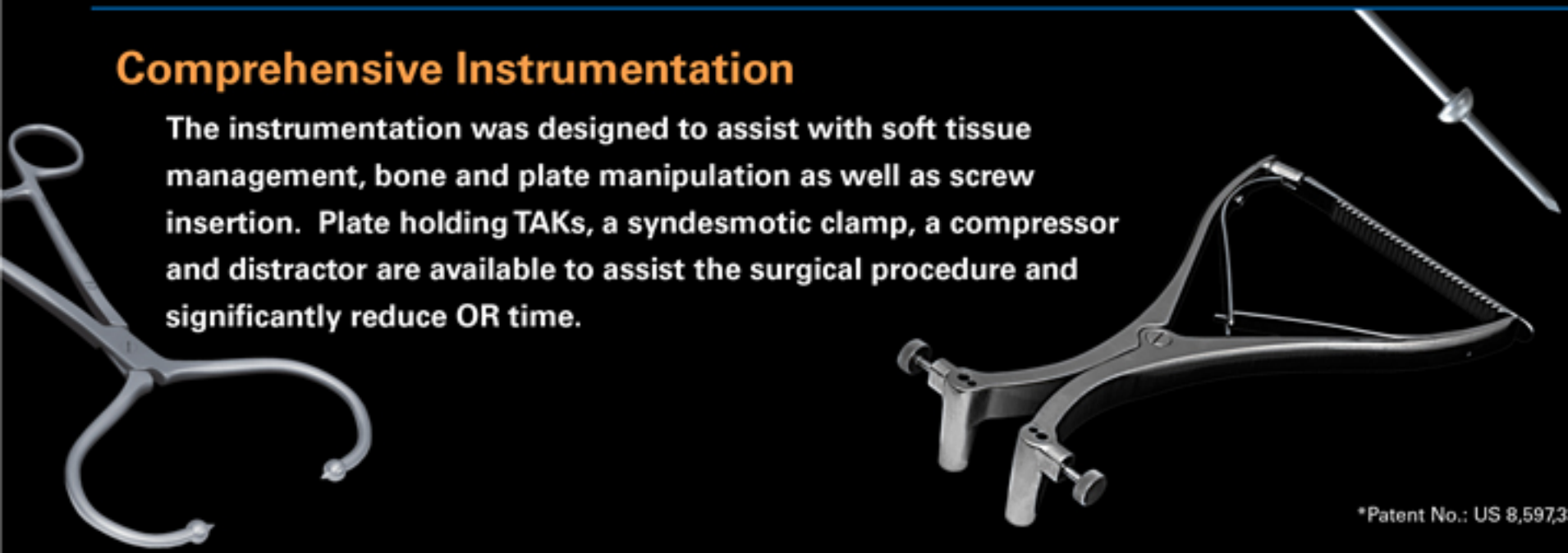
## Angled-Locking

Locking screws can be locked on-axis with the plate threads or up to 20 degrees of angled-locking in any direction (40 degree conical). Screws can be locked and unlocked up to three times without sacrificing the integrity of the plate/screw interface.



## Comprehensive Instrumentation

The instrumentation was designed to assist with soft tissue management, bone and plate manipulation as well as screw insertion. Plate holding TAKs, a syndesmotic clamp, a compressor and distractor are available to assist the surgical procedure and significantly reduce OR time.



# OsteoMed Products



ExtremiLOCK Foot Plating System



ExtremiFix Headless Cannulated Screws



ExtremiFix Cannulated Screws



Large Cannulated Screws



ExtremiFuse



EnCompass



EnCompass Lessers



Hemi



ReFlexion



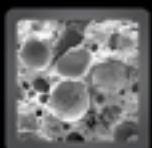
InterPhlex



Talar-Fit



OsteoVation EX



OsteoVation QWIK



Comprehensive Allograft Offering



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