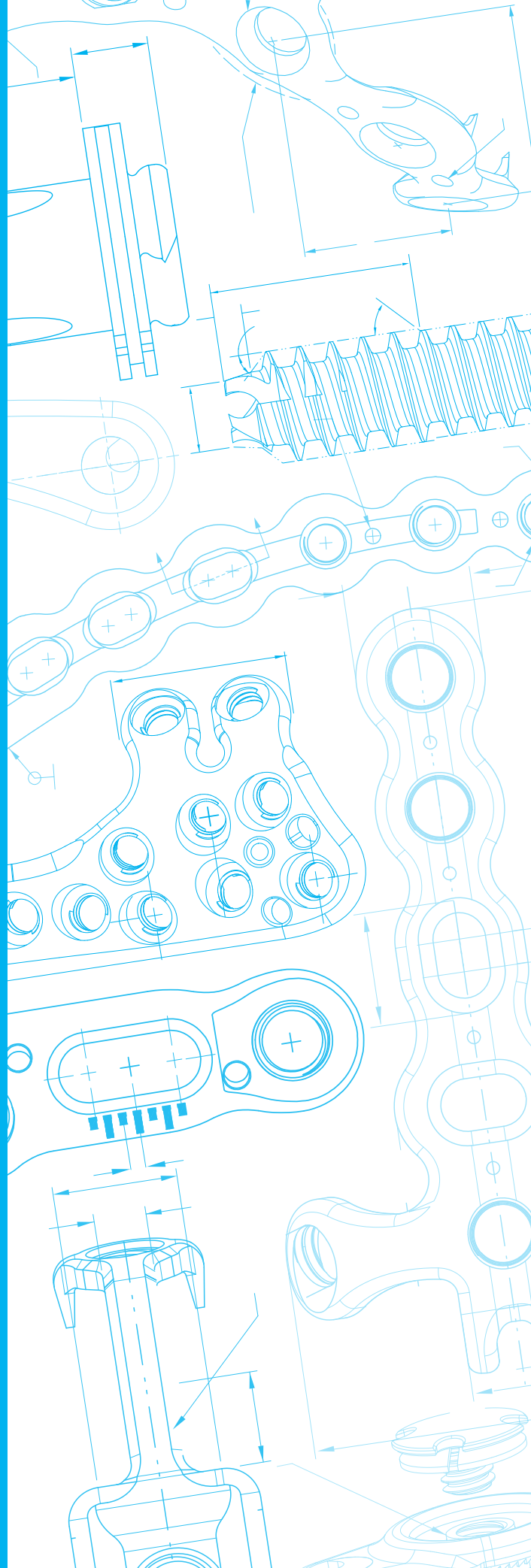




acumed®

2018 Product Catalog

China Edition



Acumed® is a global leader of innovative orthopaedic and medical solutions.

We are dedicated to developing products, service methods, and approaches that improve patient care.

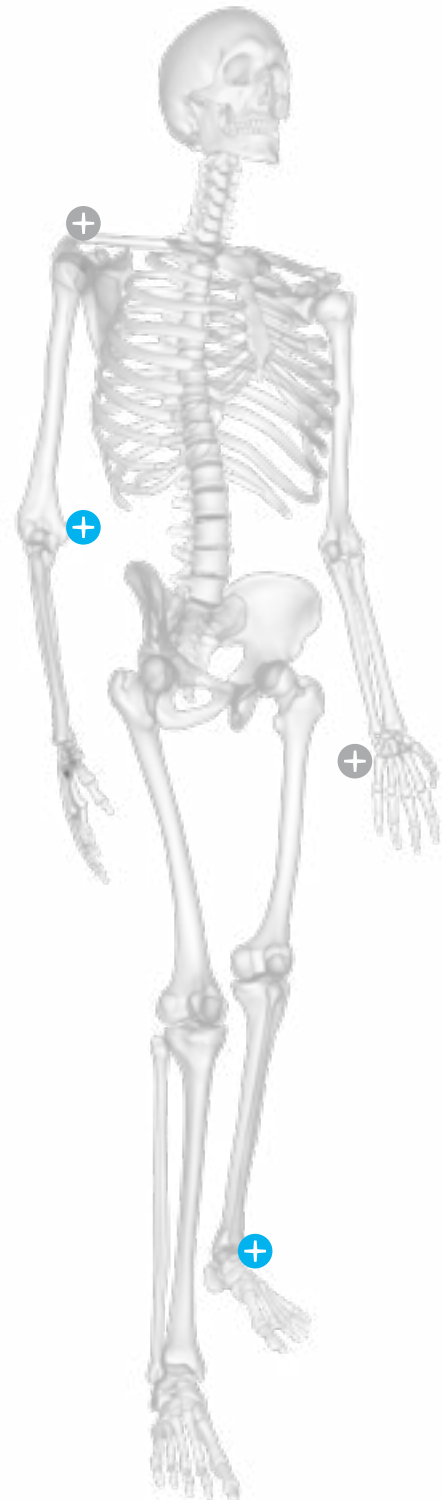




## Acumed Product Catalog 2018

### Building on 25 Years of Innovation With Purpose

For more than 25 years, Acumed has been dedicated to developing fracture solutions to treat indications from the upper to the lower extremity. Acumed's innovative orthopaedic implants range from the original fully threaded headless compression screw to the first and only anatomically shaped radial head prosthesis.






Headquartered in Hillsboro, Oregon, Acumed has a global distribution network with offices worldwide. We are committed to partnering with surgeons and hospitals to provide orthopaedic solutions designed to improve patient outcomes.



	Definition
	Products with this symbol require use of the Acumed Small Fragment Base Set in order to complete surgery following the recommended surgical technique.
	Products with this symbol are compatible with Acumed 2.7 mm and 3.5 mm Variable Angle Screws for use in completing surgery following the recommended surgical technique.

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## Screw & Pin Product Lineup

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Acutrak <sup>®</sup> Headless Compression Screw System .....	<b>4</b>
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# Acutrak 2® Headless Compression Screw System

Introduced in 1994, the Acumed Acutrak® Headless Compression Screw revolutionized the way surgeons gain compression. The variable pitch of the screw thread allows the threads to cross the fracture site while generating compression along the entire shaft, unlike standard fully threaded bone screws.<sup>1</sup> Acutrak 2 is the latest generation of this groundbreaking technology.

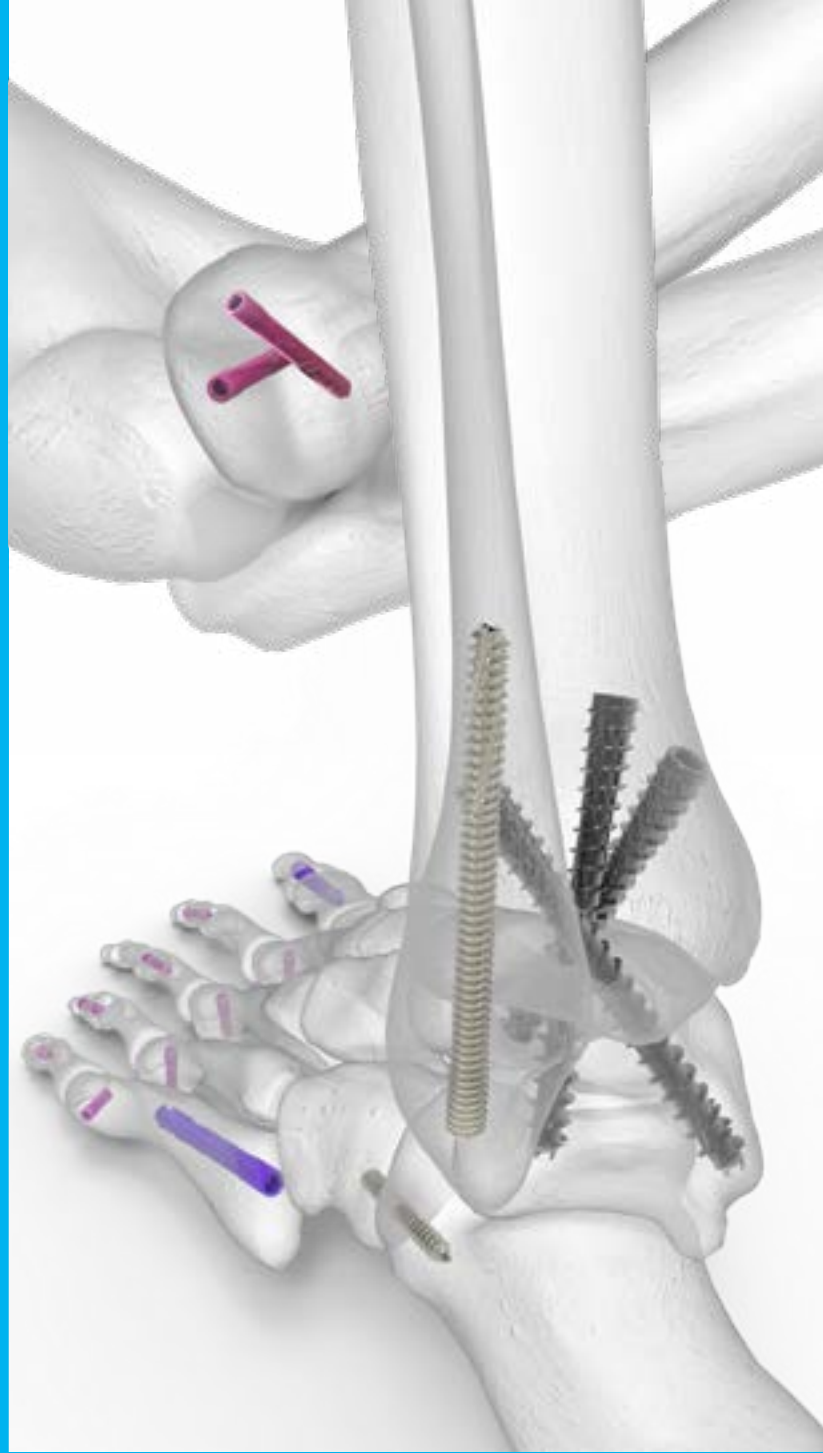
Acutrak 2 Screws	Diameter	Length
Micro	Tip: 2.5 mm	1 mm increments 8–14 mm
	Tail: 2.8 mm	2 mm increments 14–30 mm
Mini	Tip: 3.5 mm	2 mm increments 16–30 mm
	Tail: 3.6 mm	2 mm increments 16–30 mm
Standard	Tip: 4.0 mm	2 mm increments 16–34 mm
	Tail: 4.1 mm	2 mm increments 16–34 mm
4.7 mm	Tip: 4.5 mm	2 mm increments 20–30 mm
	Tail: 4.7 mm	5 mm increments 30–50 mm
5.5 mm	Tip: 5.2 mm	5 mm increments 25–60 mm
	Tail: 5.5 mm	5 mm increments 25–60 mm
7.5 mm	Tip: 7.0 mm	5 mm increments 40–120 mm
	Tail: 7.5 mm	5 mm increments 40–120 mm



### Innovative Design

The original fully threaded headless compression screw with continuously variable thread pitch

The self-cutting and self-tapping screw is designed to facilitate insertion into hard bone



The Acutrak 2® Family of Screws

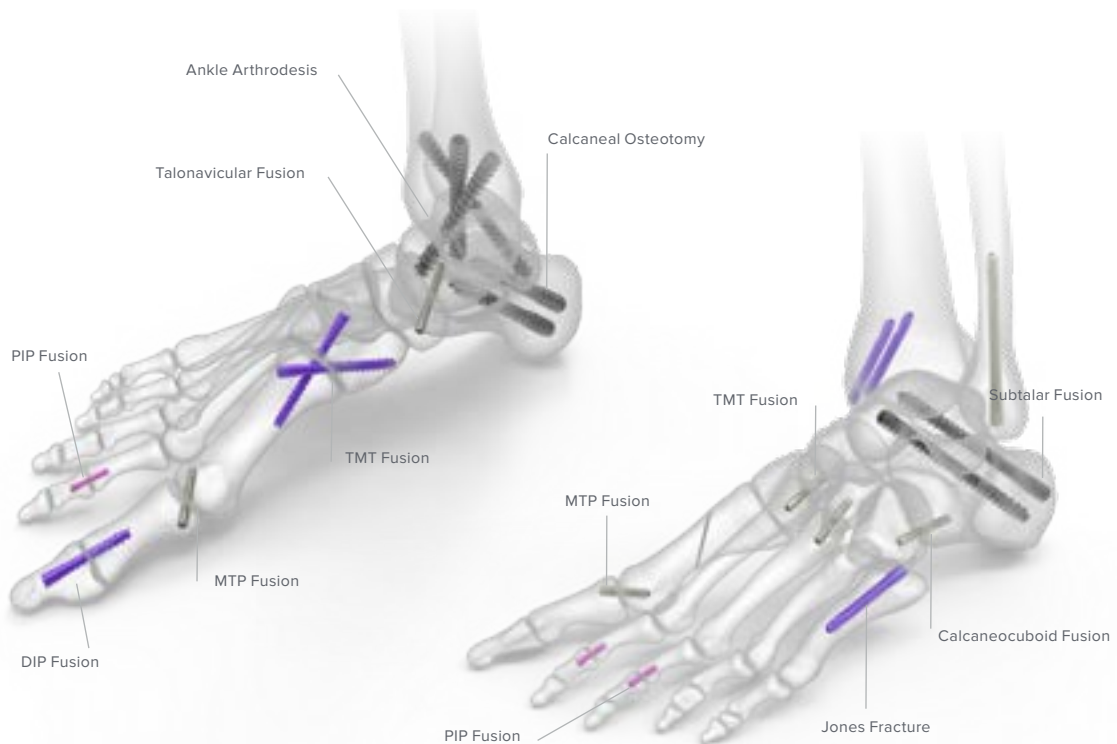
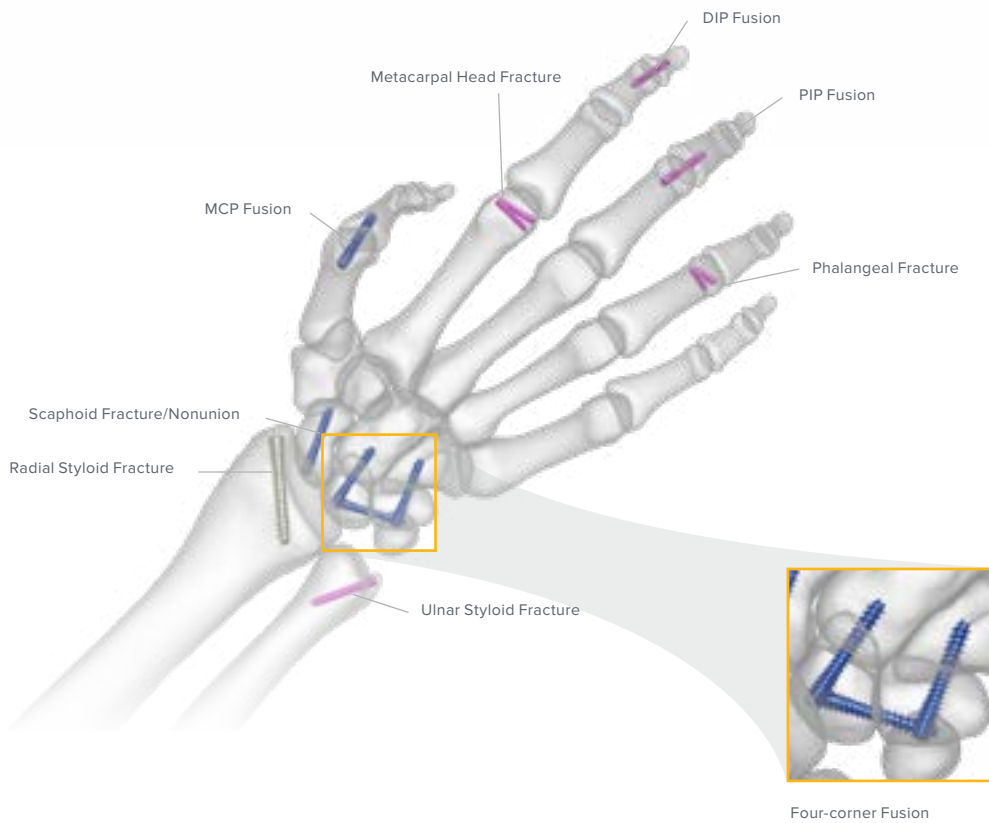


Micro    Mini    Standard    4.7 mm    5.5 mm    7.5 mm

1. Wheeler DL, McLoughlin SW. Biomechanical assessment of compression screws. *Clin Orthop Relat Res.* 1998;350:237–245.

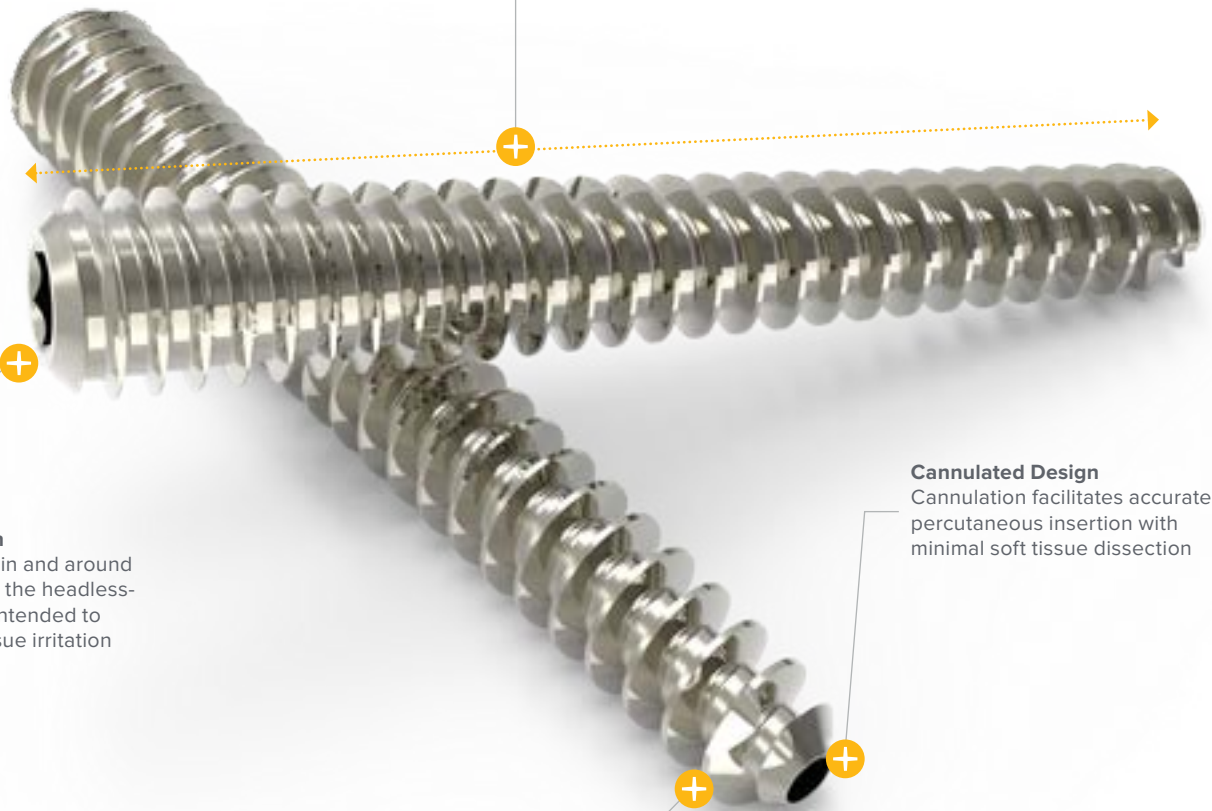
**Designed for Application in the Upper and Lower Extremities**

Acutrak 2 screws are available in six different families for a total of 68 different screws, addressing applications in the upper and lower extremities



**Fully Threaded Length**

The fully threaded variable pitch and tapered profile are intended to work together to compress bone fragments into one rigid structure to help promote union



**Headless Design**

When implanted in and around articular regions, the headless-design screw is intended to minimize soft tissue irritation

**Cannulated Design**

Cannulation facilitates accurate percutaneous insertion with minimal soft tissue dissection

**Self-tapping**

Cutting flutes on both ends of the screw are intended to aid with insertion

**The Acutrak Family of Screws**



Mini

Standard

4/5

Plus

6/7



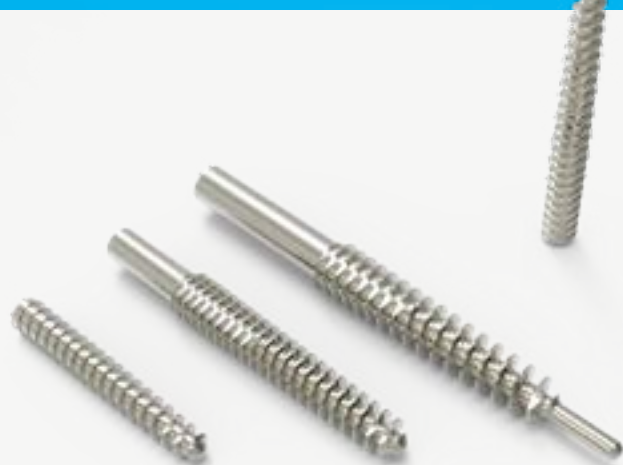
The original fully threaded headless compression screw with continuously variable thread pitch



## Acutrak® Headless Compression Screw System

The Acumed Acutrak Headless Compression Screw System is designed to provide fixation in repairing fractures, performing joint fusions, and fixing osteotomies throughout the upper and lower extremities. As a cannulated screw, Acutrak is designed to facilitate accurate percutaneous insertion while minimizing soft tissue dissection.

Acutrak Screws	Diameter	Length
Mini	Tip: 2.8 mm Tail: 3.1–3.6 mm	8–26 mm 2 mm increments
Standard	Tip: 3.3 mm Tail: 3.8–4.6 mm	12.5–30 mm 2.5 mm increments
4/5	Tip: 4.0 mm Tail: 5.0 mm	25–50 mm 5 mm increments
Plus	Tip: 5.2 mm Tail: 6.5 mm	35–80 mm 5 mm increments
6/7	Tip: 6.0 mm Tail: 7.5 mm	40–120 mm 5 mm increments
Fusion	Tip: 2.0 –3.3 mm Tail: 2.5–4.0 mm	14–24 mm 2 mm increments 27, 30, 32, & 37 mm
Hammertoe Fusion	Tip: 1.0 mm Tail: 2.5 mm	30 mm; 6 mm nose



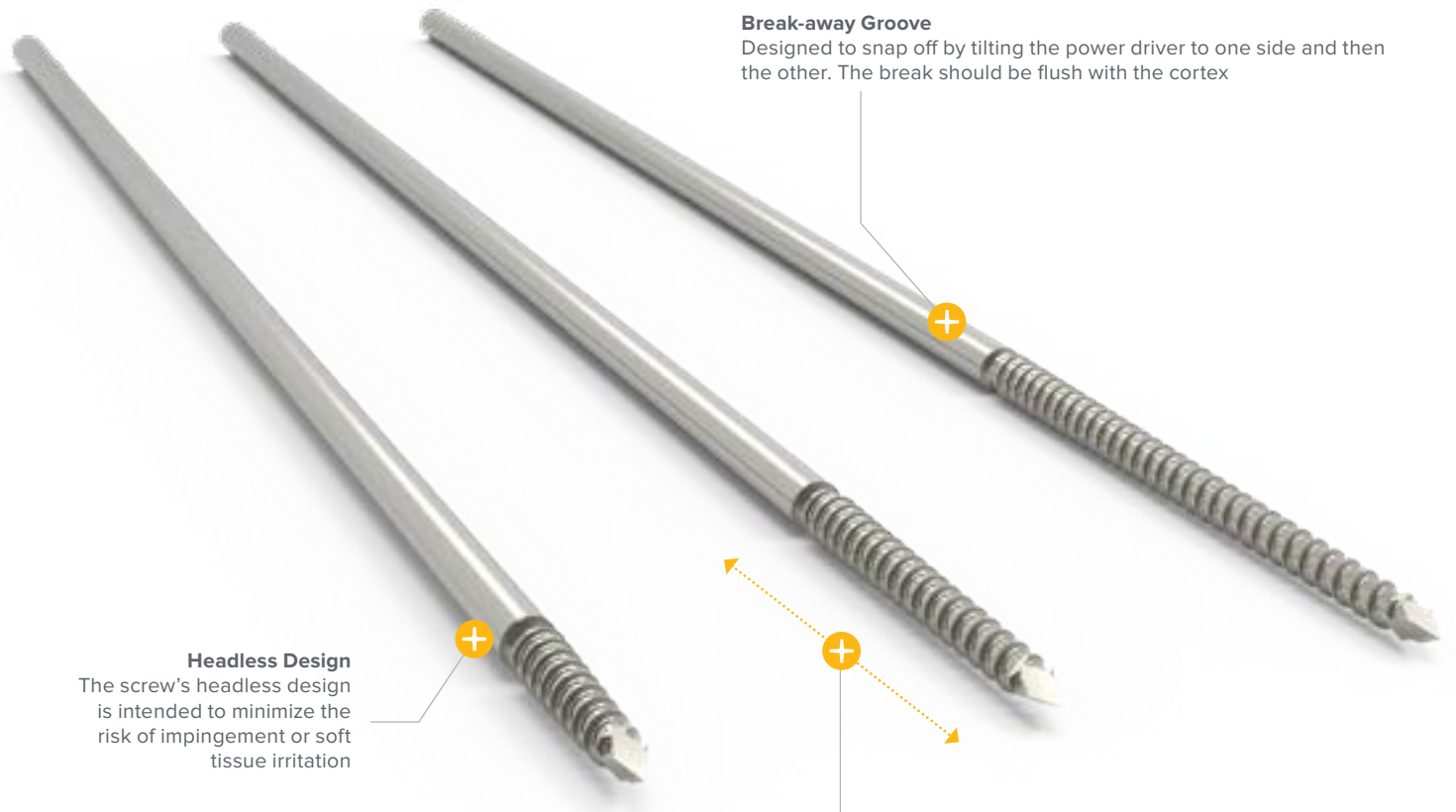
Fusion

Hammertoe Fusion



**Hammertoe Fusion**  
Fixation using the Acumed Hammertoe Fusion System





**Break-away Groove**

Designed to snap off by tilting the power driver to one side and then the other. The break should be flush with the cortex

**Headless Design**

The screw's headless design is intended to minimize the risk of impingement or soft tissue irritation

**Compression/Fully Threaded Length**

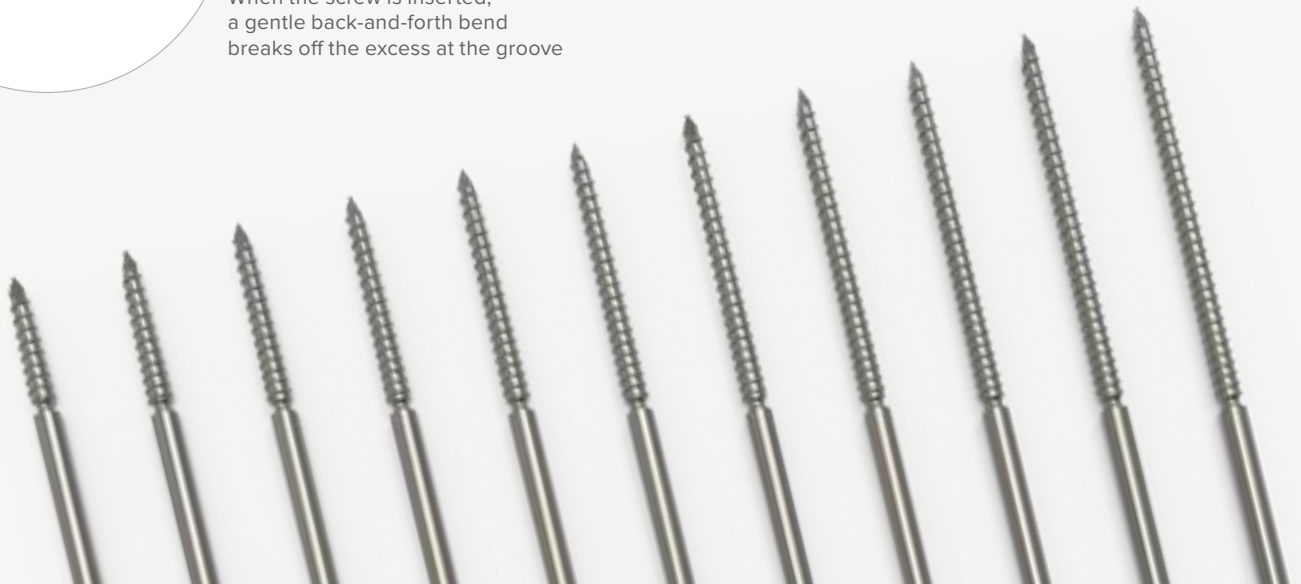
The fully threaded variable pitch and tapered profile are intended to work together to compress bone fragments into one rigid structure to help promote union



**Bend to Break Off Excess**

When the screw is inserted, a gentle back-and-forth bend breaks off the excess at the groove

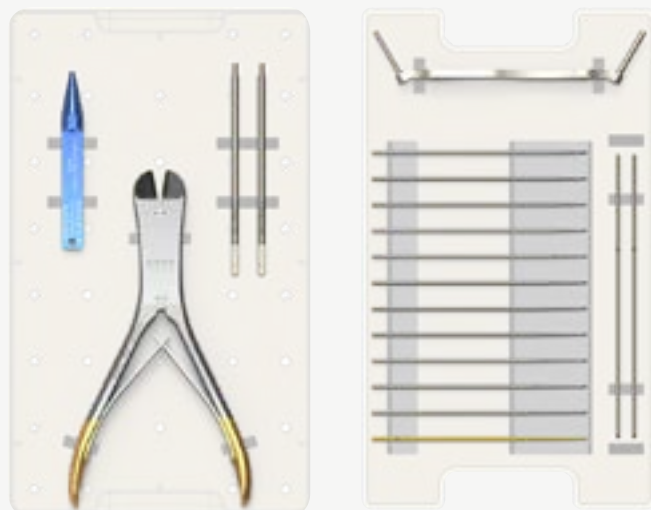
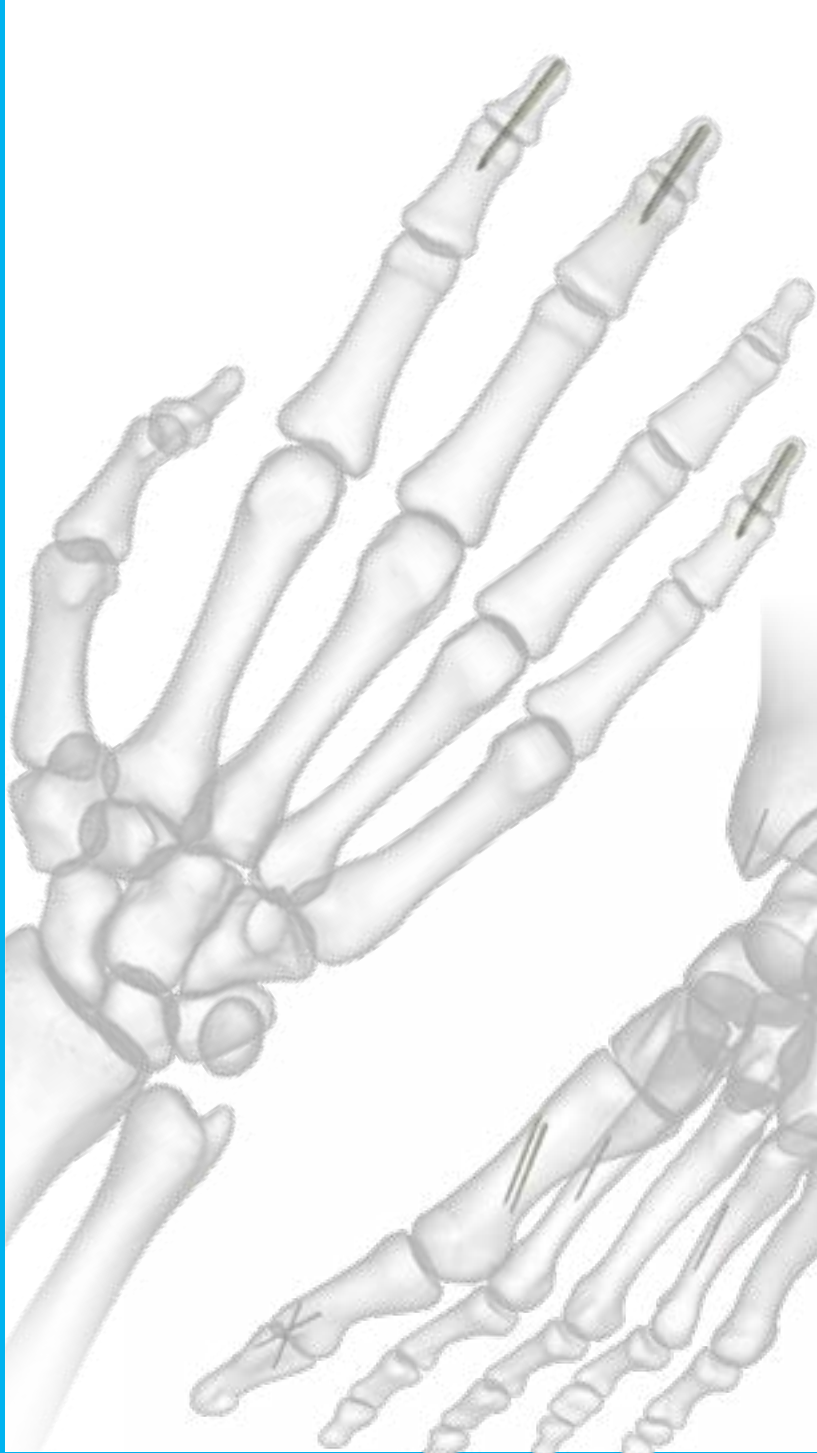
AcuTwist Compression Screw



## AcuTwist® Acutrak® Compression Screw

The Acumed AcuTwist Acutrak Compression Screw is designed to provide compressive fixation for use in fractures, fusions, and osteotomies. Available in a range of lengths (10–30 mm), the screw includes a variable thread pitch, a tapered profile, a break-off groove, and threads along its entire length.

AcuTwist Acutrak Screws	Diameter	Length
Compression Screw	Tip: 1.5 mm Tail: 2.0 mm	10–30 mm 2 mm increments



### Optional Accessories

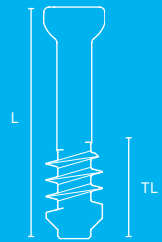
These include the 2.0 mm Hex Wrench, Ratchet T-Handle A/O Connection and Tri-Lobe Quick Release, and AcuTwist Screw Handle



## Extremity Screw System

Acumed Extremity Screws are cancellous screws that are indicated for fracture and osteotomy fixation of the upper and lower extremities. Extremity screws are self-drilling and self-tapping. Screw placement is achieved with the use of heavy guide wires for solid bone stabilization.

Extremity Screws	Length	Threaded Length
2.7 mm Extremity Screws	12–24 mm 2 mm increments	7 mm
3.5 mm Extremity Screws	14–24 mm 2 mm increments	7 mm
	26–36 mm 2 mm increments	10 mm
4.0 mm Extremity Screws	38–42 mm 2 mm increments	13 mm
	14–24 mm 2 mm increments	7 mm
	26–36 mm 2 mm increments	10 mm
	38–42 mm 2 mm increments	13 mm

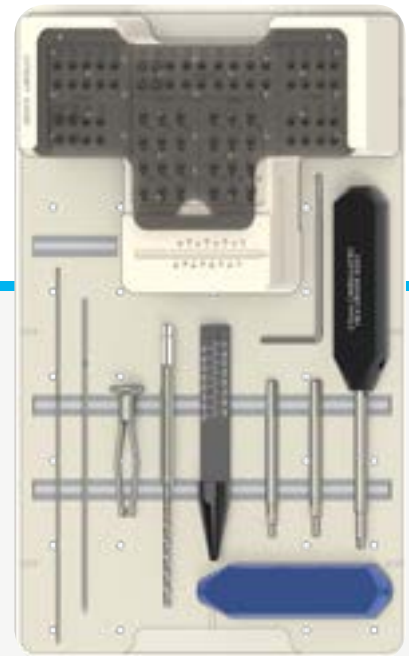
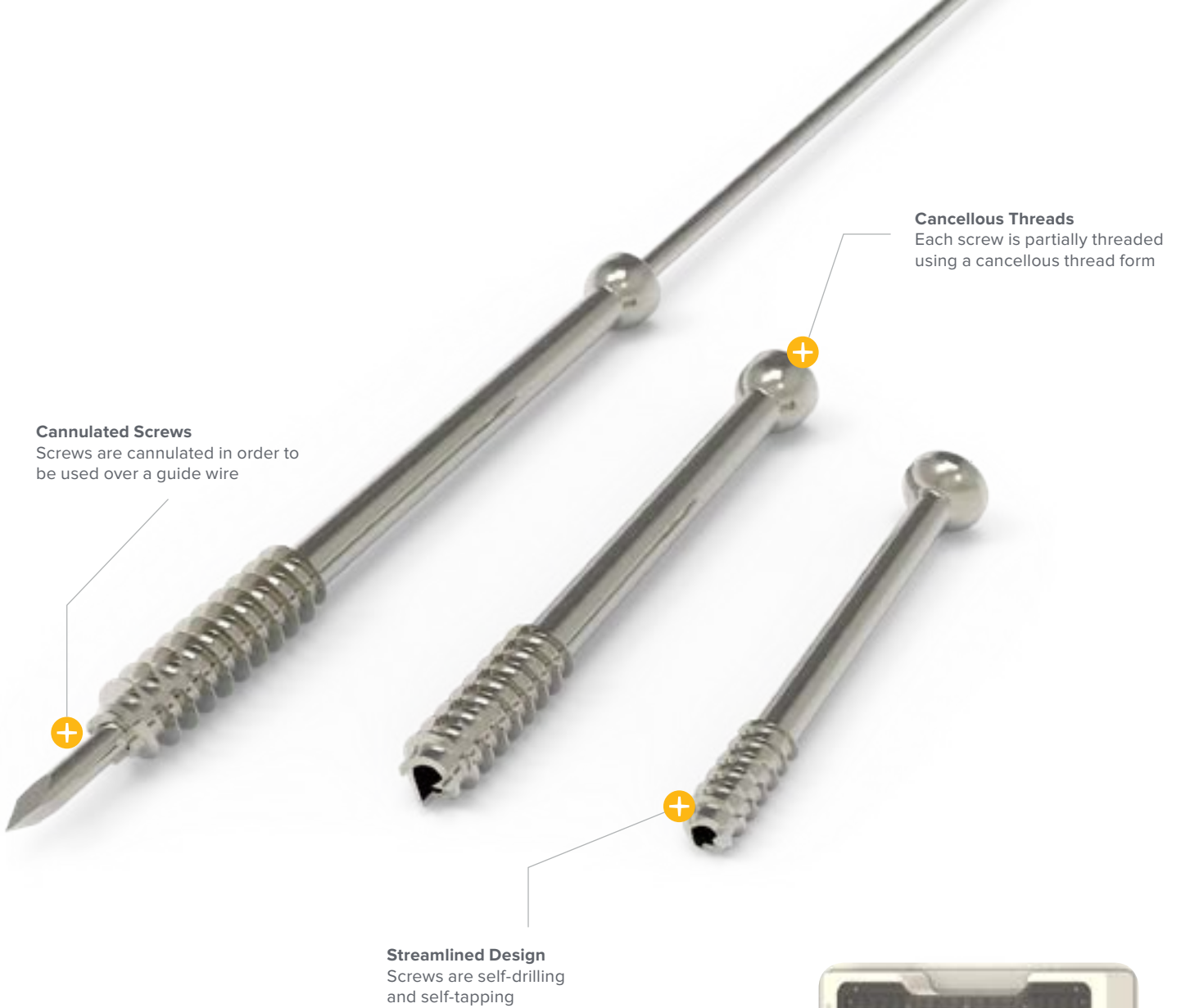


**Lisfranc Injury Fixation**  
Extremity screws used in fixation of a Lisfranc injury to the midfoot

2.7 mm Extremity Screws







**Low-profile Head**

The low-profile head is designed to minimize soft-tissue irritation

**Secure Anchoring**

Cerclage wire passes through the eyelet of the pin, a feature implemented for fracture reduction and secure anchoring and intended to reduce the likelihood of pin migration or back-out



**Straightforward Application**

Point-and-drill pin placement.  
Tail can be broken with Tension Band Pin Snapper or forceps



1.6 mm, Tension Band Pin 2

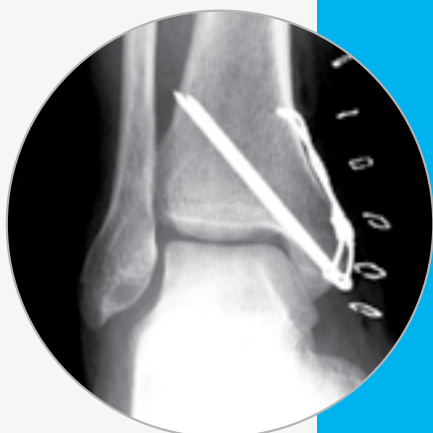


2 mm, Tension Band Pin 2

## Tension Band Pin System 2

The Acumed Tension Band Pin System 2 is an interlocking solution designed to provide low-profile, secure fixation for patella, olecranon, and malleolar fractures. The system features straightforward application of a stainless steel pin that is secured by passing a cerclage wire through an eyelet on its proximal end. This method is intended to help deter migration of the pin postoperatively.

Tension Band Pin 2	Length	Diameter
Tension Band Pin 2	50 mm	1.6 mm
Tension Band Pin 2	50 mm	2.0 mm
Tension Band Pin 2	70 mm	1.6 mm
Tension Band Pin 2	70 mm	2.0 mm
Tension Band Pin 2	90 mm	1.6 mm
Tension Band Pin 2	90 mm	2.0 mm



**Medial Malleolus Fixation**  
Tension Band Pin System  
used in medial malleolus  
fracture fixation

**Low-profile Head**

The low-profile head is designed to minimize soft-tissue irritation

**Secure Anchoring**

Cerclage wire passes through the eyelet of the pin, a feature implemented for fracture reduction and secure anchoring and intended to reduce the likelihood of pin migration or back-out

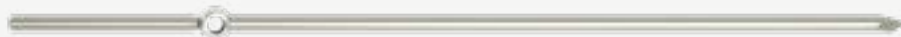


**Straightforward Application**

Point-and-drill pin placement. Tail can be broken with Tension Band Pin Snapper or forceps



50 mm Tension Band Pin



70 mm Tension Band Pin



90 mm Tension Band Pin

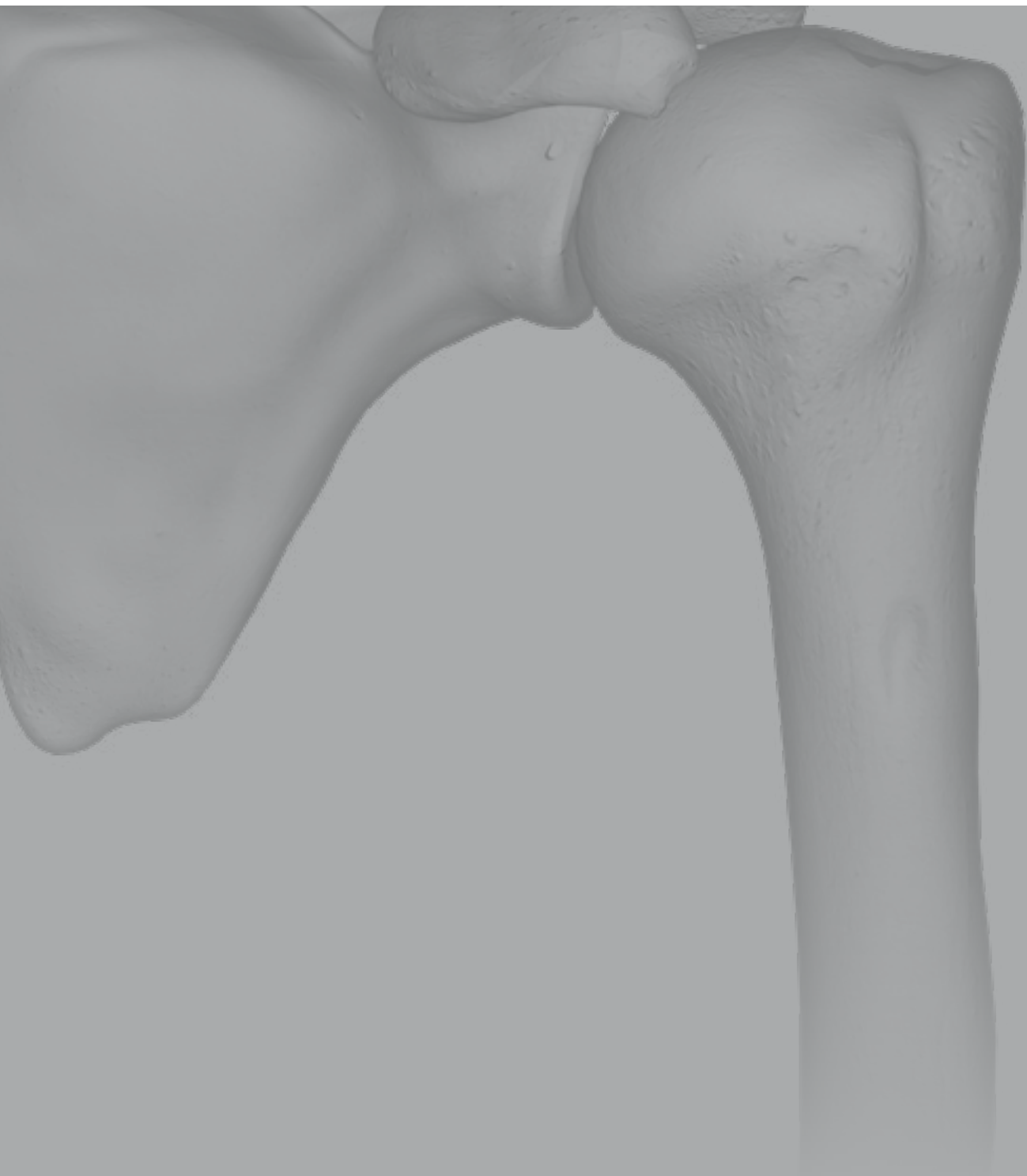
## Tension Band Pin System

The Acumed Tension Band Pin System is an interlocking solution designed to provide low-profile, secure fixation for patella, olecranon, and malleolar fractures. The system features straightforward application of a stainless steel pin that is secured by passing a cerclage wire through an eyelet on its proximal end. This method is intended to help deter migration of the pin postoperatively.

Tension Band Pins	Length	Diameter
Tension Band Pin	50 mm	1.6 mm
Tension Band Pin	70 mm	1.6 mm
Tension Band Pin	90 mm	1.6 mm



**Olecranon Osteotomy**  
Tension Band Pin System used in an olecranon osteotomy



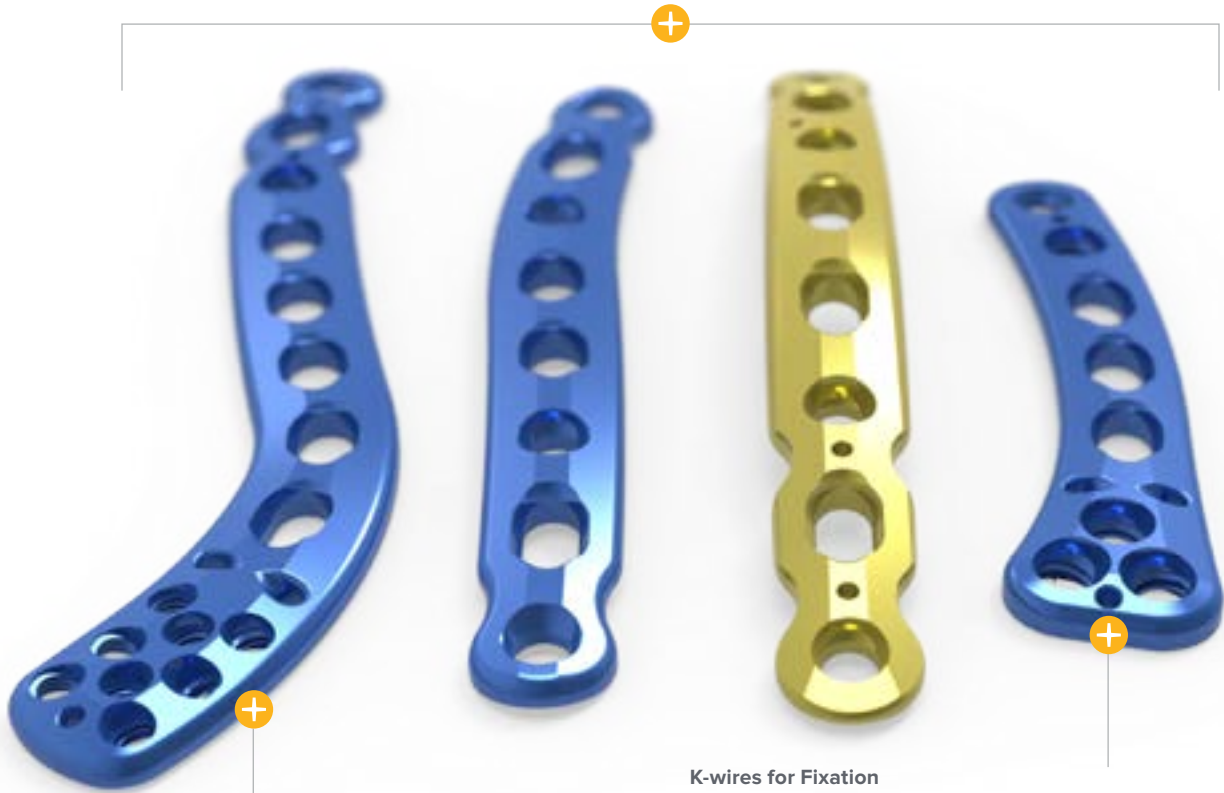


## Shoulder Product Lineup

Clavicle Plating System .....	<b>16</b>
Locking Clavicle Plating System .....	<b>18</b>
Dual-Trak Clavicle Screw System .....	<b>20</b>
Polarus® 3 Solution .....	<b>22</b>
Polarus® Proximal Humeral Plating System .....	<b>24</b>
Polarus® Humeral Rod System .....	<b>26</b>

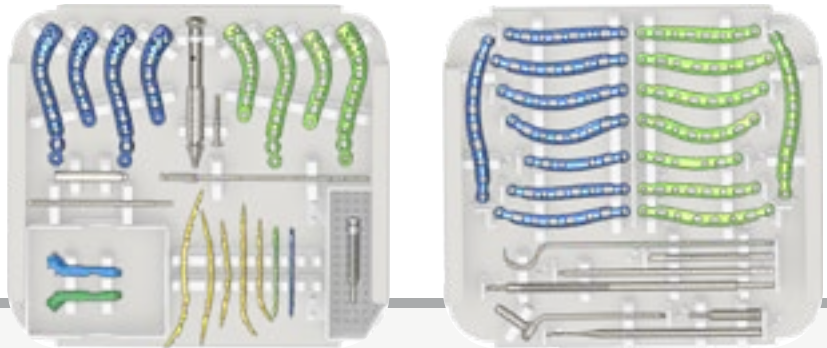
**Precontoured Plates**

Implants offer left and right specific, narrow, and standard offerings with a variety of screw options



**K-wires for Fixation**

Integrated .062" K-wire holes are incorporated for provisional fixation and can be used to verify distal screw placement

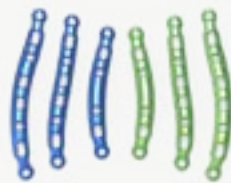
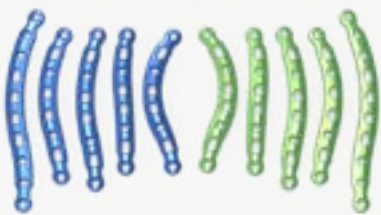


**Beveled Edge**

Beveled medial and lateral profile is designed to help minimize soft tissue irritation

Low-profile

Narrow-profile



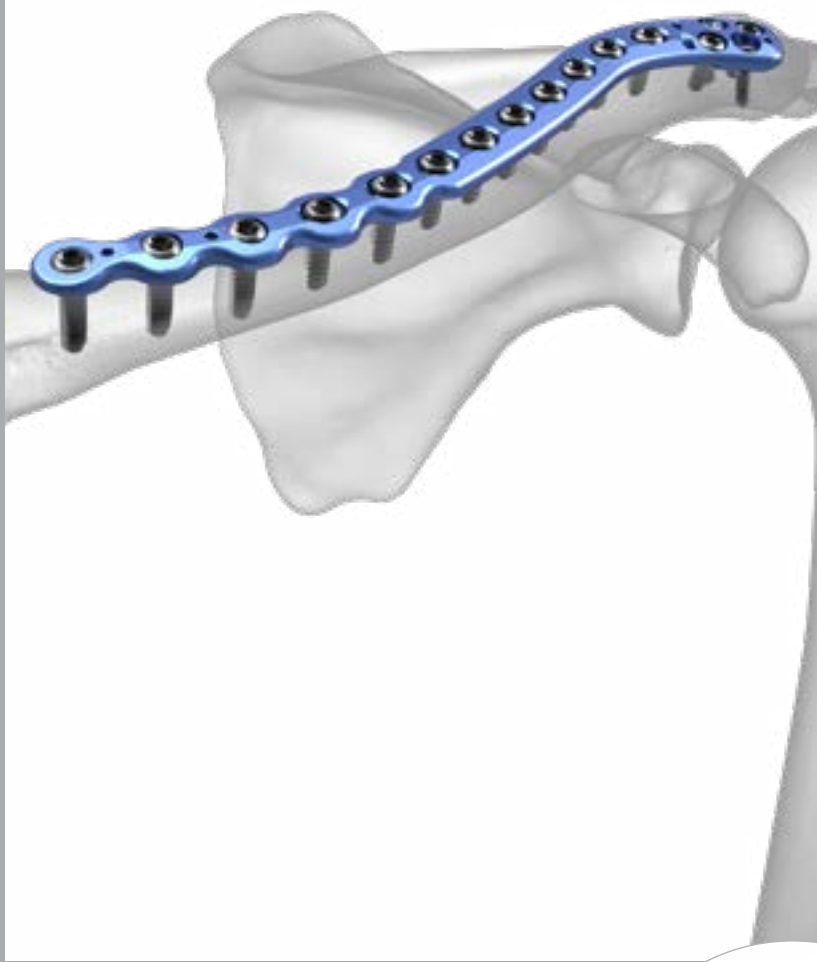
Superior Midshaft Plates

Superior Distal Plates



## Clavicle Plating System

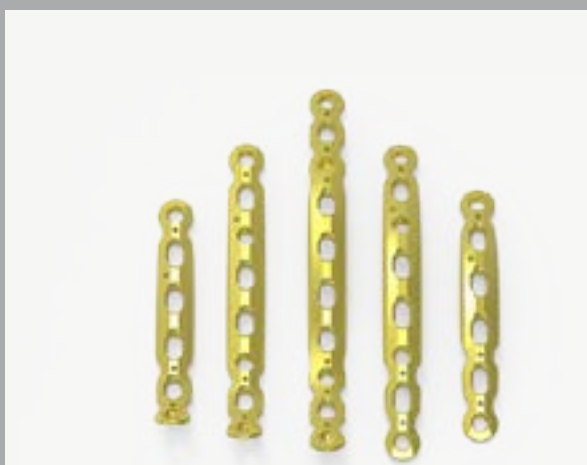
The Acumed Clavicle Plating System offers an array of 33 precontoured plates for the fixation of clavicle fractures, malunions, and nonunions. Acumed's was the first system to offer anatomically precontoured plates for the clavicle.



Superior Midshaft Clavicle Plates	Hole Count	Length
Low-Profile Plate, Left & Right	8-hole	87 mm
Low-Profile Plate, Left & Right	8-hole	88 mm
Low-Profile Plate, Left & Right	8-hole	94 mm
Low-Profile Plate, Left & Right	8-hole	98 mm
Low-Profile Plate, Left & Right	10-hole	121 mm
Narrow-Profile Plate, Left & Right	6-hole	74 mm
Narrow-Profile Plate, Straight, Left & Right	8-hole	87 mm
Narrow-Profile Plate, Left & Right	8-hole	96 mm

Superior Distal Clavicle Plates	Hole Count	Length	Distal Cluster Hole Count
Low-Profile J-Plate, Left & Right	8-hole	64 mm	3
Plate, Left & Right	9-hole	68 mm	4
Plate, Left & Right	12-hole	101 mm	4
Plate, Left & Right	13-hole	68 mm	8
Plate, Left & Right	16-hole	101 mm	8
Plate, Left & Right (Sterile Only)	16-hole	140 mm	4

Anterior Clavicle Plates	Hole Count	Length
Lateral Plate	6-hole	75 mm
Medial Plate	6-hole	76 mm
Lateral Plate	8-hole	95 mm
Medial Plate	8-hole	95 mm
Lateral/Medial Plate	10-hole	115 mm



Anterior Plates



### Acu-Sinch® Repair System

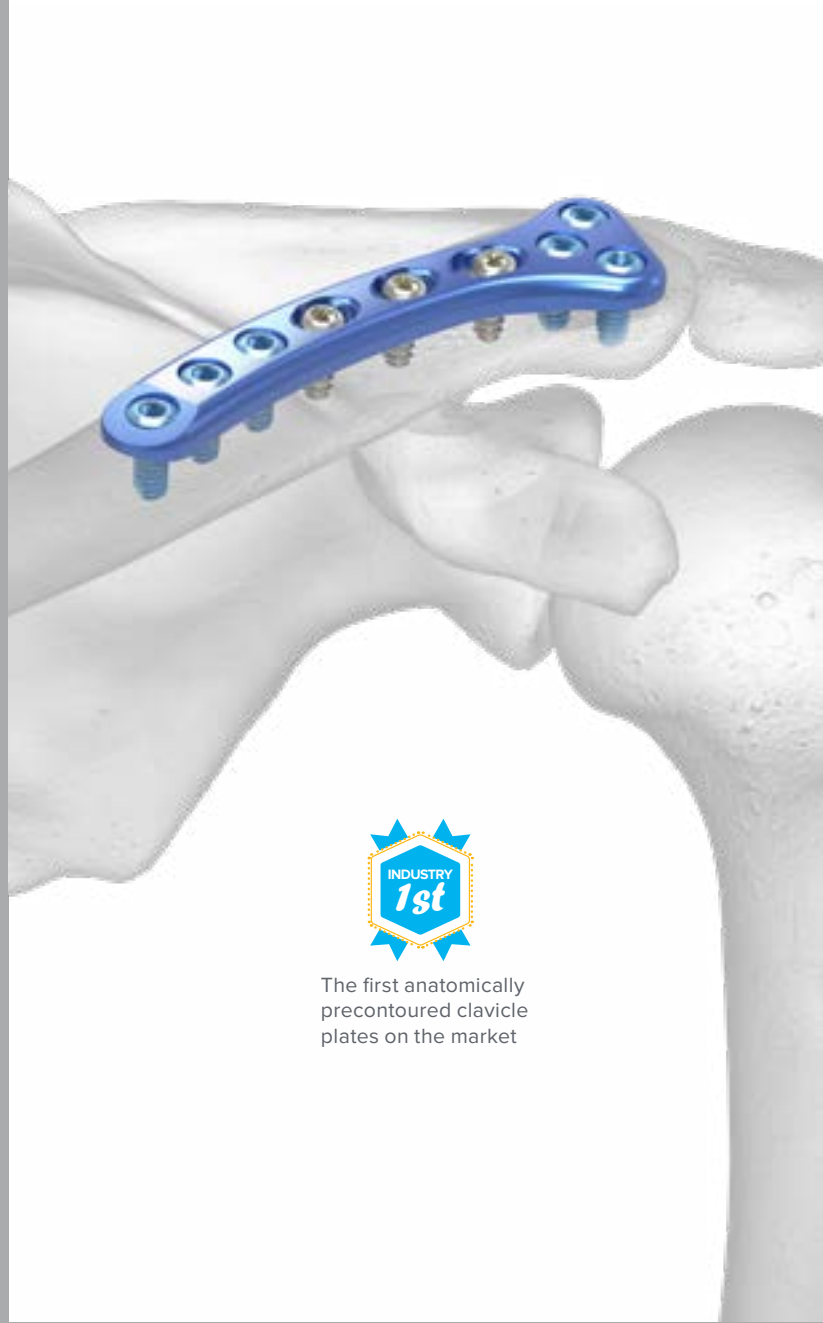
Used with a Superior Midshaft or Distal Clavicle Plate, the sterile-packed, suture-and-anchor Acu-Sinch Repair System is designed to provide fixation during healing of the coracoclavicular ligaments

## Locking Clavicle Plating System

The Acumed Locking Clavicle Plating System is designed to treat simple and complex fractures, malunions, and nonunions. The system offers an array of low- and narrow-profile plate solutions, precontoured to match the natural S-shape of the clavicle.

Locking Clavicle J-Plates	Hole Count	Length
J-Plate	8-hole	53 mm
J-Plate	9-hole	66 mm

Superior Midshaft Clavicle Plates	Hole Count	Length
Small Plate, Left & Right	6-hole	75 mm
Straight Plate, Left & Right	8-hole	88 mm
Small Plate, Left & Right	8-hole	87 mm
Medium Plate, Left & Right	8-hole	94 mm
Large Plate, Left & Right	8-hole	98 mm
Large Plate, Left & Right	10-hole	121 mm



The first anatomically precontoured clavicle plates on the market



J-Plates

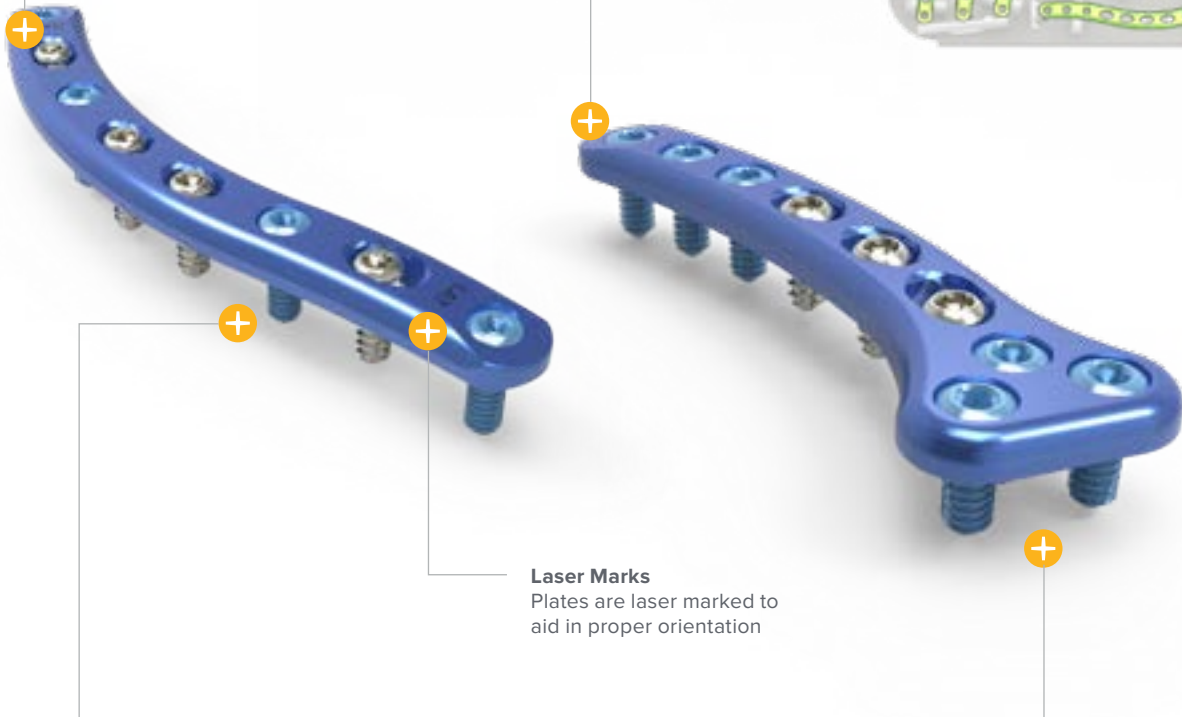
**Holes and Slots**

All plates have a combination of locking holes and compression/reduction slots



**Low-profile Design Features**

Tapered plate ends, beveled edges, and a low-profile screw-plate interface are intended to minimize soft tissue irritation



**Laser Marks**

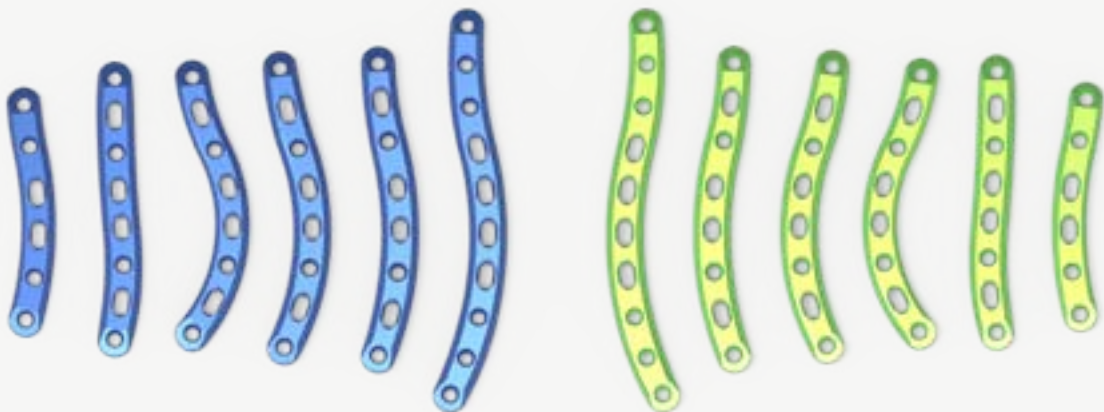
Plates are laser marked to aid in proper orientation

**Tubularized Under-surface**

The tubularized undersurface is designed to allow the plate to sit flush on the bone and provide additional stability, especially in torsion

**Specialized J-plates**

Two J-plates are available for distal/lateral fractures, with a three-hole cluster for increased screw purchase



Superior Midshaft Plates

### Choice of Screw Direction

Screws can be inserted in a lateral to medial or medial to lateral direction, based on surgeon preference and fracture pattern

### Variety of Sizes

A comprehensive array of screw diameters and lengths is provided to accommodate various sizes of patient medullary canals



**Differential Pitch on Tip and Tail**  
Differential pitch is intended to help prevent implant migration and is designed to achieve 0–3 mm of compression at the fracture site

**Cutting Flutes on Tips**  
Cutting flutes are designed to help ease insertion and removal

## Dual-Trak Clavicle Screw System

The Acumed Dual-Track Clavicle Screw System is a fully intramedullary solution engineered to provide minimally invasive stability for fractures and fusions of the clavicle. The tray design allows it to be placed in the Acumed Clavicle Plating System to expand the surgical options.



Dual-Trak Screws	Diameter	Length
Dual-Trak Screw	3.0 mm	80 mm
Dual-Trak Screw	3.0 mm	90 mm
Dual-Trak Screw	3.0 mm	100 mm
Dual-Trak Screw	3.0 mm	110 mm
Dual-Trak Screw	3.0 mm	120 mm
Dual-Trak Screw	3.8 mm	80 mm
Dual-Trak Screw	3.8 mm	90 mm
Dual-Trak Screw	3.8 mm	100 mm
Dual-Trak Screw	3.8 mm	110 mm
Dual-Trak Screw	3.8 mm	120 mm



3.0 mm screws

3.8 mm screws



## Polarus® 3 Solution

The Acumed Polarus 3 Solution is a comprehensive system designed to treat proximal and midshaft humerus fractures with an array of plate and nail options. The system introduces a number of improvements to both the implants and the instrumentation when compared to the prior generation.

Product is in the process of registration with the CFDA.



Offers plate and nail in same system for shoulder fracture fixation

Polarus 3 Proximal Humerus Plates	Hole Count	Length
Standard Plate, Left, Right	4-hole	94 mm
Standard Plate, Left, Right	6-hole	115 mm
Standard Plate, Left, Right	10-hole	155 mm
<b>Opt*</b> Standard Plate, Left, Right	14-hole	195 mm
<b>Opt*</b> Standard Plate, Left, Right	18-hole	235 mm
<b>Opt*</b> Standard Plate, Left, Right	22-hole	275 mm
Posterior Plate, Left, Right	4-hole	94 mm
Posterior Plate, Left, Right	6-hole	115 mm

Polarus 3 Proximal Nail	Length	Distal Diameter
Proximal Locking Nail, Left, Right	150 mm	5.5 mm

Polarus 3 Long Nails	Length	Distal Diameter
Locking Nail, Left, Right	200 mm	8 mm
Locking Nail, Left, Right	220 mm	8 mm
Locking Nail, Left, Right	240 mm	8 mm
Locking Nail, Left, Right	260 mm	8 mm
Locking Nail, Left, Right	280 mm	8 mm

**Note:** The proximal diameter on all nails is 10 mm.

\*Optional, sterile-packed only



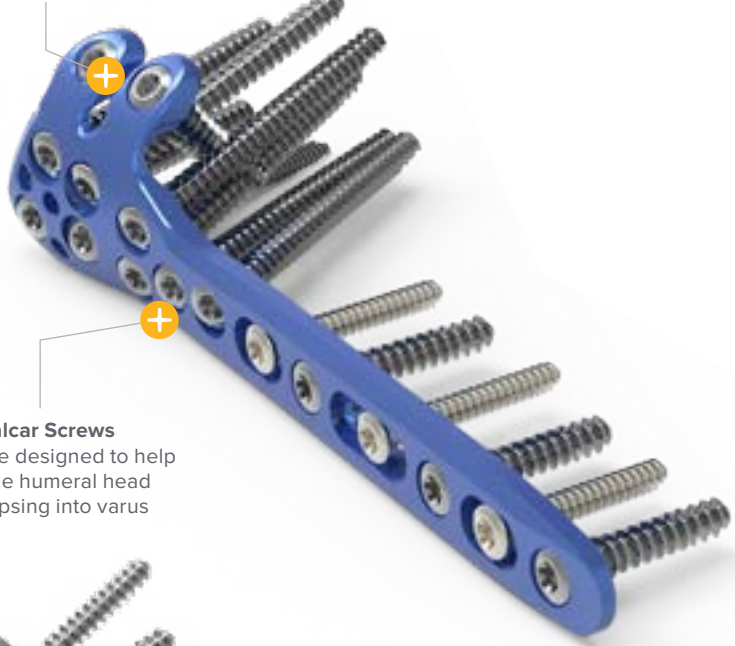
**PEEK Insert**  
The pre-assembled insert is designed to create proximal locking screw friction



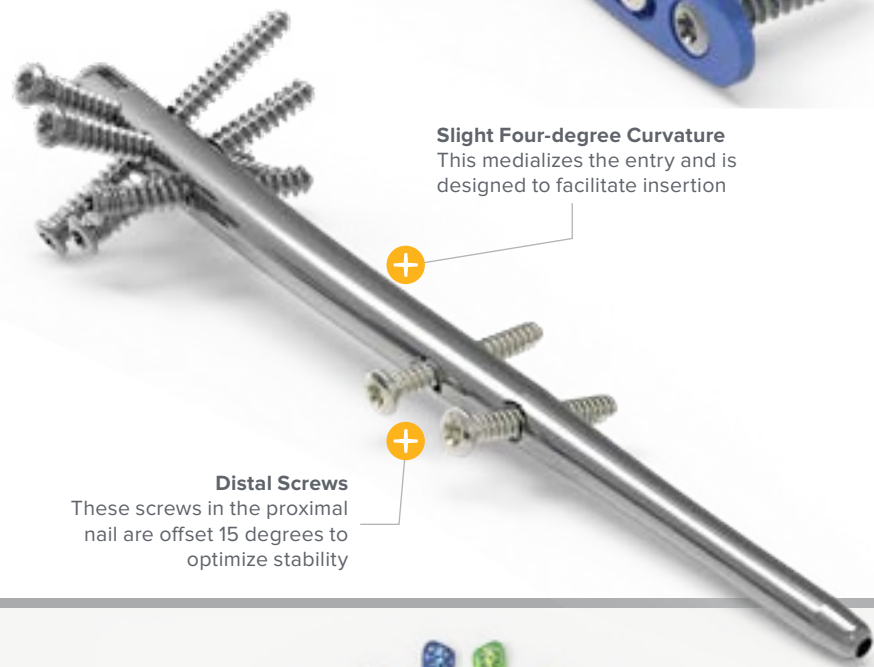
Proximal Locking Nail

Locking Nail

**Posterior Plate Option**  
 Bendable tabs are designed to buttress the greater tuberosity

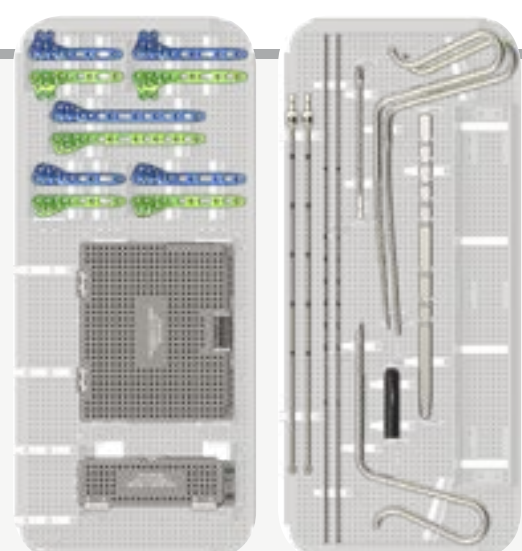
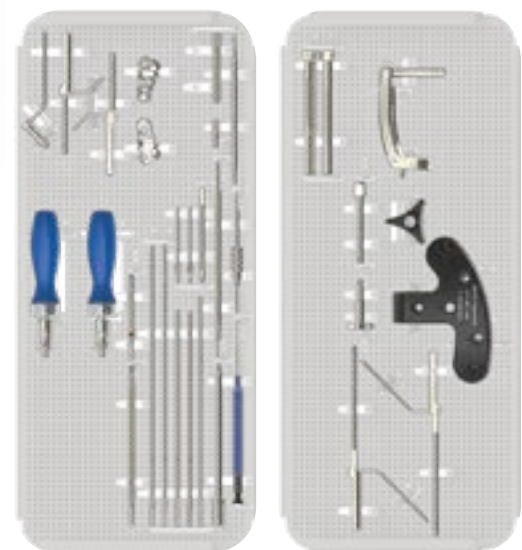


**Medial Calcar Screws**  
 Screws are designed to help prevent the humeral head from collapsing into varus



**Slight Four-degree Curvature**  
 This medializes the entry and is designed to facilitate insertion

**Distal Screws**  
 These screws in the proximal nail are offset 15 degrees to optimize stability



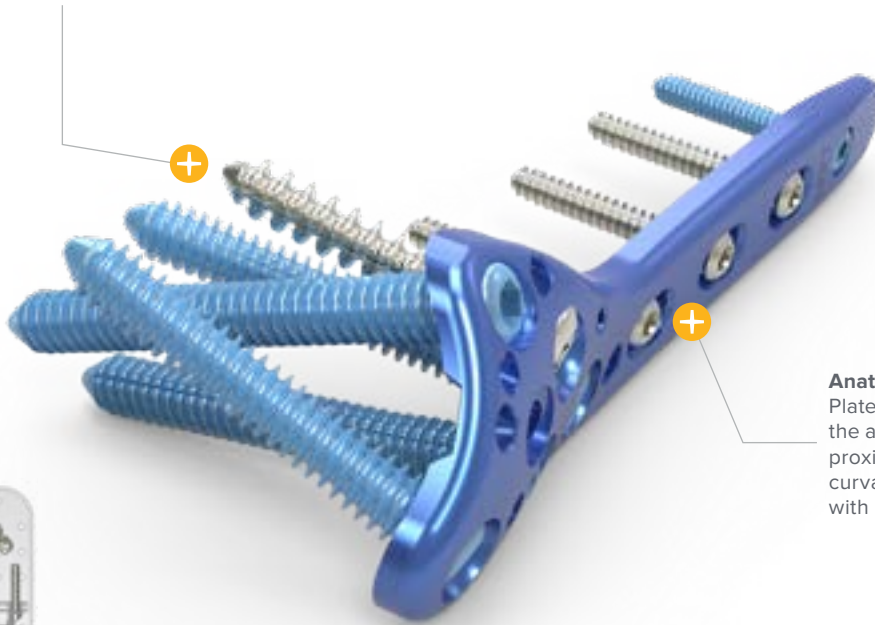
Posterior Plate

Standard Plate

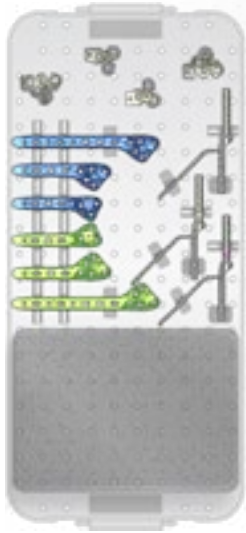
Posterior Plate

**Enhanced Screw Angulation**

Fixed-angle locking screws target the best quality bone for maximized purchase in the humeral head, creating a solid and stable construct



**Anatomical Plate Design**  
Plates are contoured to match the anatomical slope of the proximal humerus and the curvature of the tuberosities with minimal bending



**Suture Hole Cutouts**  
The plate has cutouts to accommodate suture holes



Proximal Humeral Plate



## Polarus® Proximal Humeral Plating System

The Acumed Polarus Proximal Humeral Plating (PHP) System, designed for 2-, 3-, and 4-part proximal humerus fractures, aids in restoring patient anatomy while providing a rigid construct within the humeral head. The comprehensive selection of implants was each designed to help minimize impingement and soft tissue irritation.

Product is in the process of registration with the CFDA.



Polarus Proximal Humerus Plates	Length
Proximal Humeral Plate, Small	93 mm
Proximal Humeral Plate, Large	103 mm
Proximal Humeral Plate, Extra Long	154 mm



### Fixed-angle Locking Screws

These screws are designed to target the best quality bone in the humeral head and create a solid and stable construct

## Polarus® Humeral Rod System

The Acumed Polarus® Locking Humeral Rod and Polarus® Plus Humeral Rod System feature tapered profiles with an array of proximal screws designed to target the best quality bone. Multiplanar fixation acts as a scaffold, aiding in fracture reduction and realignment.

Polarus Locking Humeral Rod	Length	Distal Diameter
Locking Humeral Rod	177 mm	5 mm

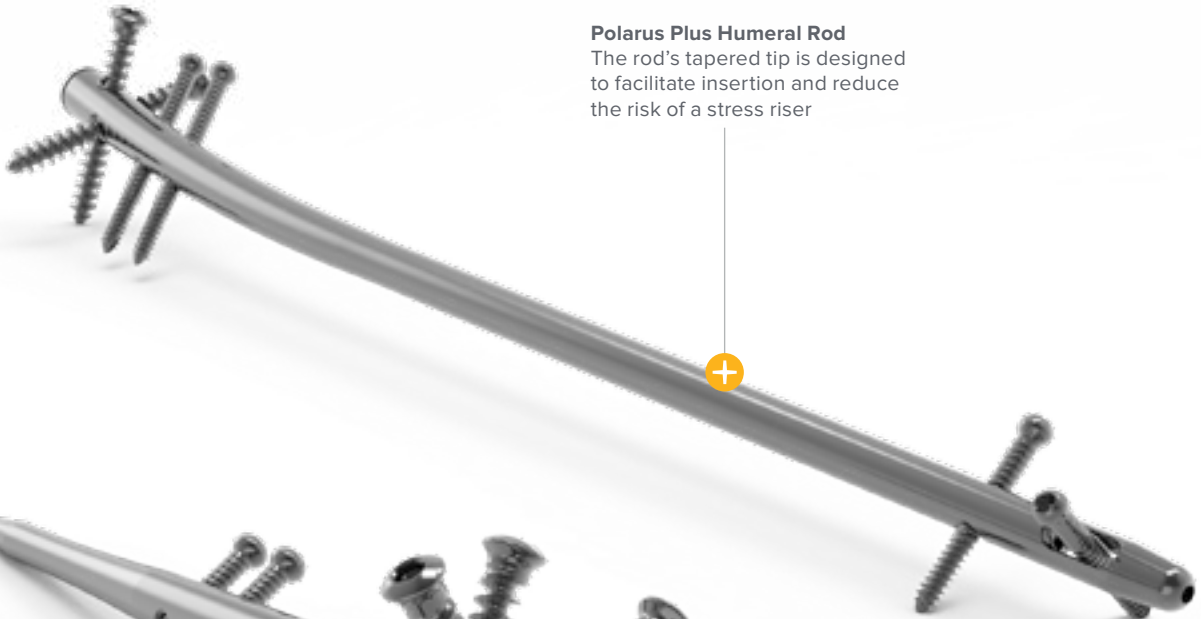
Polarus Plus Humeral Rods	Length	Distal Diameter
Humeral Rod	200 mm	10 mm
Humeral Rod	220 mm	10 mm
Humeral Rod	240 mm	10 mm
Humeral Rod	260 mm	10 mm
Humeral Rod	280 mm	10 mm

**Note:** Proximal diameter of all nails is 11 mm.



### Radiolucent Targeting Guides

The guides are designed to provide visibility to confirm precise rod and screw placement



**Polarus Plus Humeral Rod**  
The rod's tapered tip is designed to facilitate insertion and reduce the risk of a stress riser



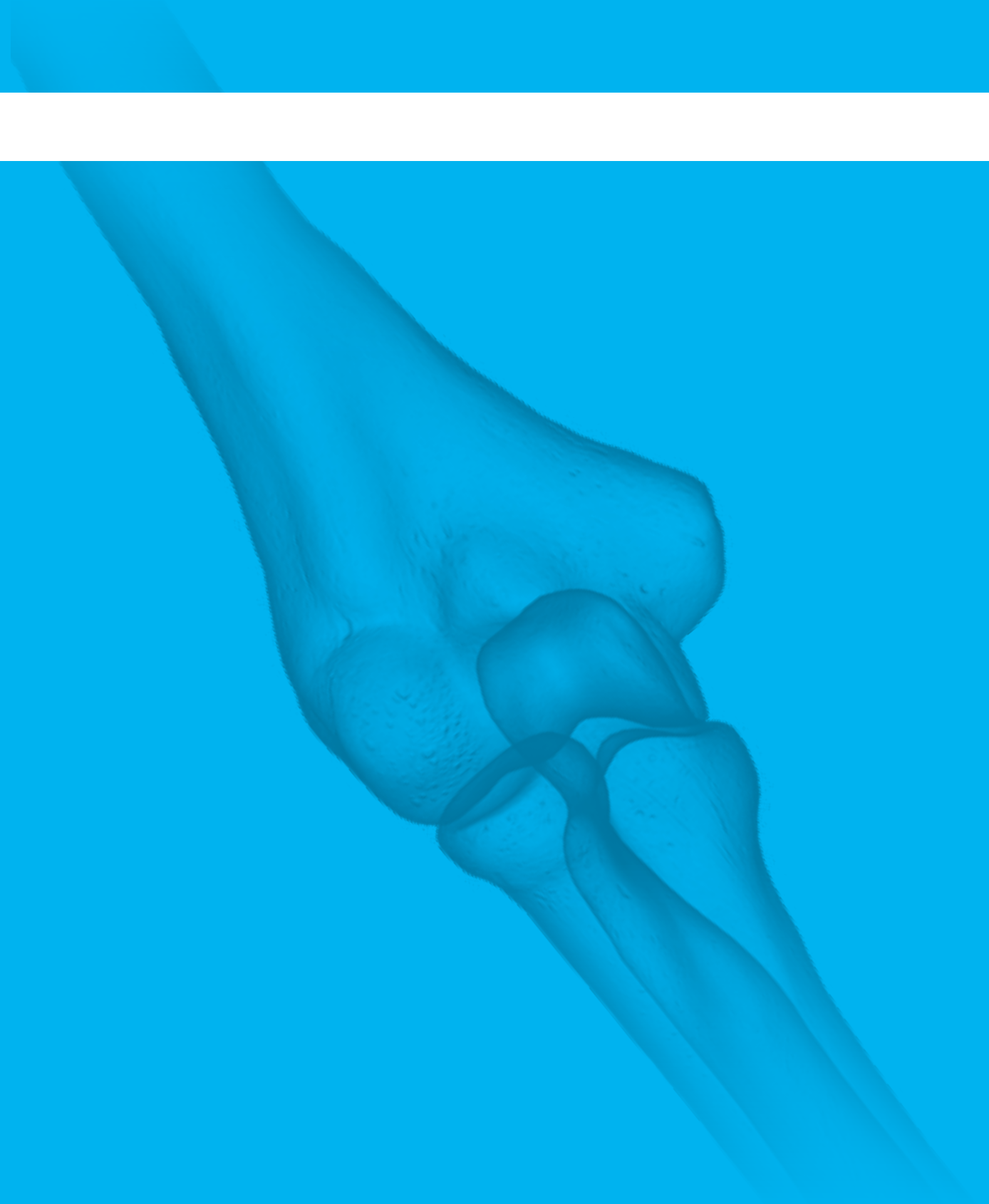
**Polarus Locking Humeral Rod**  
Multiple divergent screw trajectories are designed to maximize construct stability



Polarus Locking Humeral Rod



Polarus Plus Humeral Rods



## Elbow Product Lineup

Anatomic Radial Head System .....	30
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Elbow Plating System .....	34
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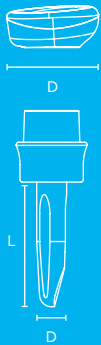
## Anatomic Radial Head System

The Acumed Anatomic Radial Head System includes the first anatomically shaped radial head prosthesis introduced to the orthopaedic industry. The system offers 250 standard head and stem combinations, offering multiple options for varying patient anatomies.

### Anatomic Radial Head Implant Diameters

20 mm, 22 mm, 24 mm, 26 mm, 28 mm

Standard Stem Implants	Diameter	Length
Standard Stem	6 mm	25 mm
Standard Stem	7 mm	25 mm
Standard Stem	8 mm	25 mm
Standard Stem	9 mm	25 mm
Standard Stem	10 mm	25 mm
Collar Heights	+0 mm, +2 mm, +4 mm, +6 mm, +8 mm	



#### Color-coded for Identification

Color-coded broaches correspond with the implant trials to streamline the surgical procedure



The first anatomically shaped radial head implant on the market



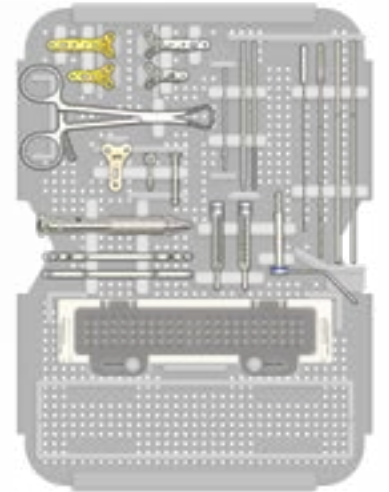
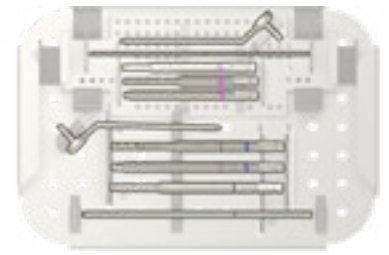
1. Sahu D, Holmes D, Fitzsimmons J, et al. Influence of radial head prosthesis design on radiocapitellar joint contact mechanics. *J Shoulder Elbow Surg.* 2014;23(4):456–462.
2. El Sallakh S. Radial head replacement for radial head fractures. *J Orthop Trauma.* 2013;27(6):137–140.

### Anatomic Radial Head Prosthesis

The anatomically shaped radial head is designed to mimic the radiocapitellar joint contact of a native radial head, which may reduce cartilage erosion and capitellum wear over time as compared to non-anatomic prostheses<sup>1,2</sup>

### Supplemental System

The Acutrak 2® Mini and Micro Instruments are included in the base of the tray, as well as the Radial Head Plating System, to expand the surgical options



### Grit-Blasted Stems

Grit-blasted stems are intended to promote bony ongrowth

20 mm, 22 mm, 24 mm, 26 mm, 28 mm Diameters

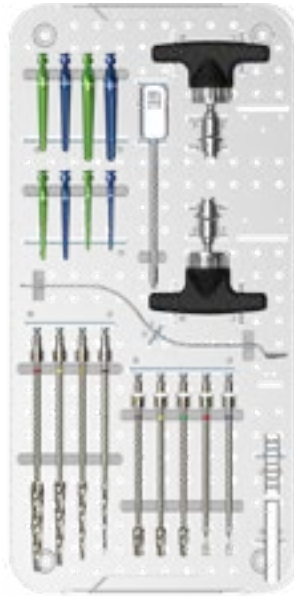
+0 mm, +2 mm, +4 mm, +6 mm, +8 mm Collar Heights  
6–10 mm Diameters



Radial Head Implants

Standard Stem Implants





**Long Stems Added**

Long stems were added for fractures that extend distally past the radial neck and for revision following failed radial head arthroplasty

**Alignment Marks**

Hashed laser marks indicate proper alignment with Lister's tubercle or the lateral aspect of the radius when the forearm is in neutral position

**Insertion Depth Line**

Laser mark on reamer indicates proper insertion depth



**Reamers Replace Broaches for Canal Preparation**

Reamers may allow for a larger stem diameter than broaches and may decrease risk of fracture compared to broaches<sup>1</sup>



Radial Head Implants



Standard Stem Implants

Long Stem Implants



## Anatomic Radial Head Solutions

The Acumed Anatomic Radial Head Solutions expands the comprehensiveness of the Anatomic Radial Head System by adding long stems, bringing the head and stem combinations to 290. The solution also replaced broaches with reamers for canal preparation. The set may include the Acutrak 2® Mini and Micro instruments and the Radial Head Plating System at the base of the tray to provide multiple solutions in one set.

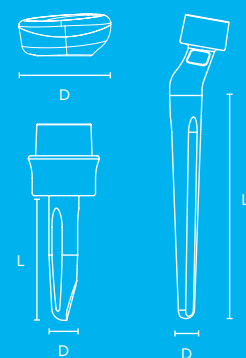
Product is in the process of registration with the CFDA.

### Anatomic Radial Head Implant Diameters

20 mm, 22 mm, 24 mm, 26 mm, 28 mm

Standard Stem Implants	Diameter	Length
Standard Stem	6 mm	25 mm
Standard Stem	7 mm	25 mm
Standard Stem	8 mm	25 mm
Standard Stem	9 mm	25 mm
Standard Stem	10 mm	25 mm
Collar Heights	+0 mm, +2 mm, +4 mm, +6 mm, +8 mm	

Long Stem Implants	Diameter	Length
Long Stem	6 mm	50 mm
Long Stem	8 mm	55 mm
Long Stem	10 mm	60 mm
Long Stem	12 mm	65 mm



### Removal Instrumentation

An ARH Removal Tool Shaft in combination with the Cross Bar is available for stem removal if needed



### Radius Retractor Tool

A radius retractor has been provided to help elevate the radius

1. Shukla DR, Shao D, Fitzsimmons JS, Thoreson AR, An KN, O'Driscoll SW. Canal preparation for prosthetic radial head replacement: rasping versus reaming. *J Shoulder Elbow Surg.* 2013;22(11):1474-1479.

**Olecranon Plate**  
 Engineered to provide an anatomic fit, the olecranon plates contour proximally and along the shaft



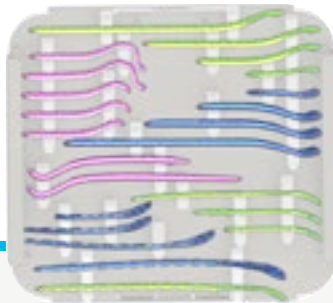
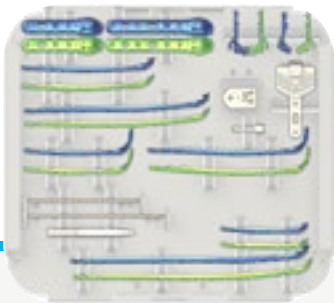
**Coronoid Plate**  
 An offset screw hole is designed to capture fractures of the sublime tubercle



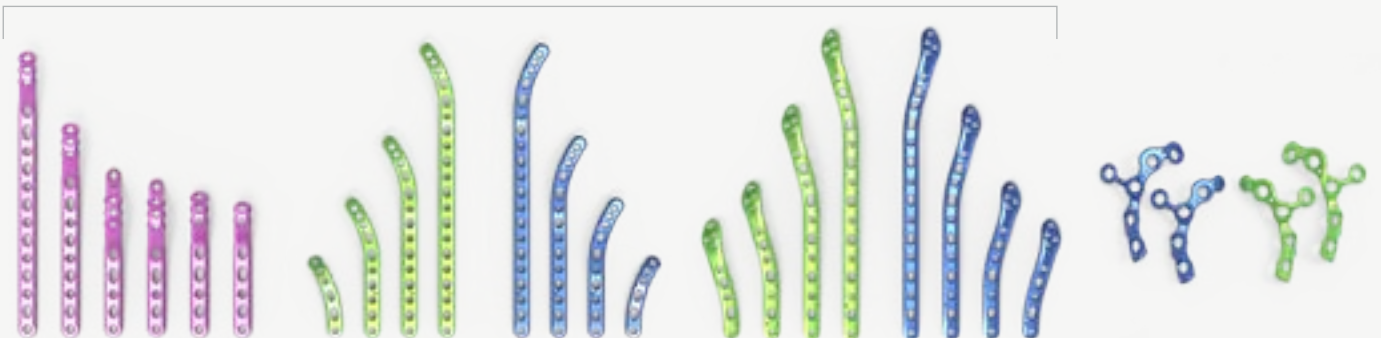
**Posterolateral Plate**  
 The cluster of distal screws, angled distally and divergent from one another, is designed to allow the plate to sit proximally to avoid potential impingement on the olecranon and to capture fracture fragments



**Parallel Construct**  
 The Lateral Column Plates (above left) are engineered to allow the longer screws in the articular fragments to interdigitate with the screws from the Medial Column Plates (above right), creating a parallel construct to address complex fractures of the distal humerus



Distal Humerus Plates



Locking Medial Column Plates

Locking Lateral Column Plates

Posterolateral Distal Humerus Plates

Coronoid Plates

## Elbow Plating System

The Acumed Elbow Plating System offers multiple fixation options for fractures of the distal humerus, olecranon, and coronoid. Enhancements to the previous system include precontoured Posterolateral Plates, left and right specific Olecranon Plates, and Hexalobe Screws. The system was designed in conjunction with Shawn O'Driscoll, MD, PhD.

Product is in the process of registration with the CFDA.

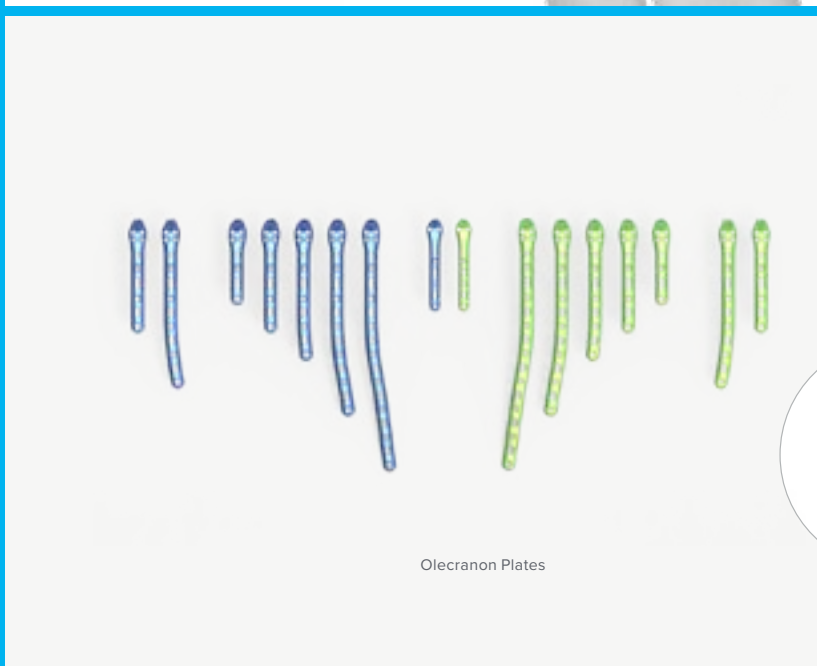


Distal Humerus Plates	Hole Count	Length
Locking Medial Column Plate	7-hole	84 mm
Locking Medial Column Plate	8-hole	88 mm
Locking Medial Column Plate, Short	9-hole	95 mm
Locking Medial Column Plate, Long	9-hole	96 mm
Locking Medial Column Plate	12-hole	130 mm
Locking Medial Column Plate	16-hole	175 mm
Locking Lateral Column Plate, Left & Right	6-hole	58 mm
Locking Lateral Column Plate, Left & Right	10-hole	100 mm
Locking Lateral Column Plate, Left & Right	14-hole	142 mm
Locking Lateral Column Plate, Left & Right	20-hole	206 mm
Posterolateral Distal Humerus Plate, Left & Right	5-hole	78 mm
Posterolateral Distal Humerus Plate, Left & Right	7-hole	103 mm
Posterolateral Distal Humerus Plate, Left & Right	11-hole	152 mm
<b>Opt*</b> Posterolateral Distal Humerus Plate, Left & Right	15-hole	203 mm

Coronoid Plates	Hole Count	Length
<b>Opt*</b> Small Plate, Left & Right	5	22 mm
Standard Plate, Left & Right	6	24 mm

Olecranon Plates	Hole Count	Length
<b>Opt*</b> Narrow Plate, Left & Right	5-hole	85 mm
Standard Plate, Left & Right	3-hole	65 mm
Standard Plate, Left & Right	5-hole	90 mm
Standard Plate, Left & Right	7-hole	110 mm
Standard Plate, Left & Right	11-hole	150 mm
<b>Opt*</b> Standard Plate, Left & Right	15-hole	190 mm
Extended Plate, Left & Right	5-hole	90 mm
Extended Plate, Left & Right	9-hole	130 mm

\*Opt: Optional



Olecranon Plates



**Olecranon Osteotomy Cutting Jig**  
Facilitates location of chevron osteotomy and allows for predrilling of proximal and distal screw holes



## Congruent Elbow Plating System

Designed in conjunction with Shawn O’Driscoll, MD, PhD, the Acumed Congruent Elbow Plating System is designed to address fractures of the distal humerus, olecranon, and coronoid.



The first system on the market to offer parallel distal humerus plates

Olecranon Plates	Hole Count	Length
Locking Plate, Standard	9-hole	86 mm
Locking Plate, Standard	11-hole	106 mm
Locking Plate, Standard	13-hole	129 mm
Locking Plate, Standard, Left & Right	17-hole	173 mm
Extended Plate	13-hole	109 mm

Distal Humerus Plates	Hole Count	Length
Locking Medial Column Plate	7-hole	84 mm
Locking Medial Column Plate	8-hole	88 mm
Locking Medial Column Plate, Short	9-hole	95 mm
Locking Medial Column Plate, Long	9-hole	96 mm
Locking Medial Column Plate	12-hole	130 mm
Locking Medial Column Plate	16-hole	175 mm

Locking Lateral Column Plate, Left & Right	6-hole	58 mm
Locking Lateral Column Plate, Left & Right	10-hole	100 mm
Locking Lateral Column Plate, Left & Right	14-hole	142 mm
Locking Lateral Column Plate, Left & Right	20-hole	206 mm

Posterior Distal Humerus Plate, Standard	9-hole	95 mm
--	--------	-------

Coronoid Plates	Hole Count	Length
Standard Plate, Left & Right	2-hole	33 mm
Extended Plate, Left & Right	2-hole	68 mm



**Tap-Loc® Technology**  
The Acumed Tap-Loc technology is designed to be used with the Medial and Lateral Distal Humerus Plates to insert locking screws with up to 20 degrees of angulation



Olecranon Plates





**Coronoid Plate**

Prongs allow for provisional plate fixation on the anteromedial portion of the coronoid

**Olecranon Plate**

The cluster of screw holes in the articular region is designed to increase the stability and strength of the reconstruction

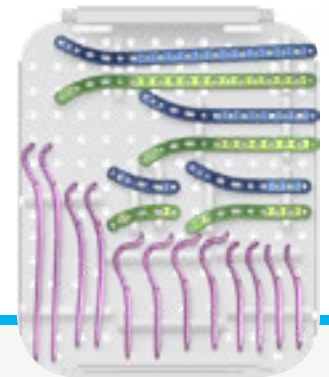


**Parallel Construct**

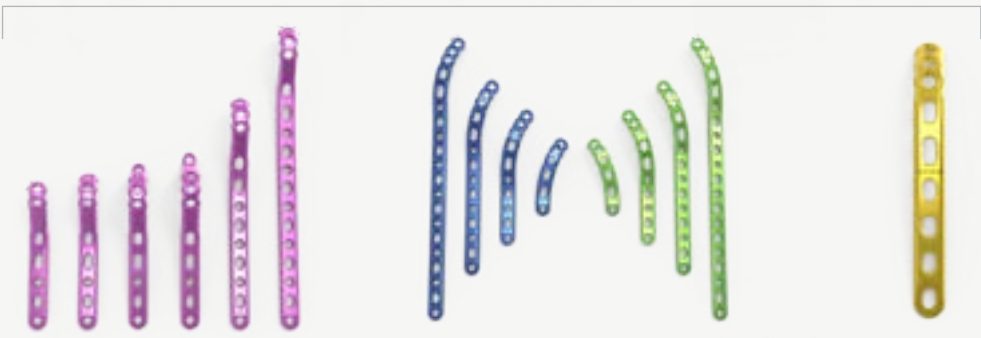
The Lateral Column Plates (above left) are engineered to allow the longer screws in the articular fragments to interdigitate with the screws from the Medial Column Plate (above right), creating a parallel construct to address complex fractures of the distal humerus

**Posterior Option**

A posterior plate offers an alternative to the lateral plate, and may be used in 90-90 plate placement for distal humerus fractures



Distal Humerus Plates



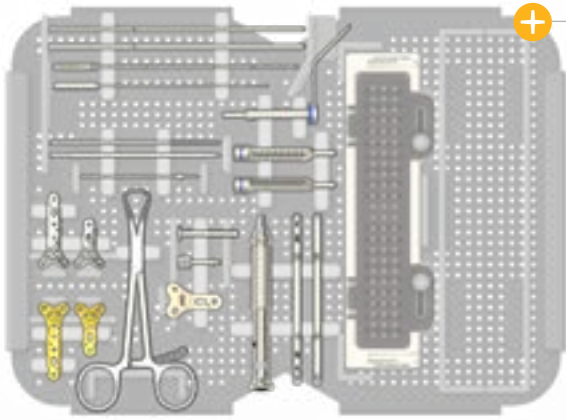
Locking Medial Column Plates

Locking Lateral Column Plates

Posterior Distal Humerus Plate

Coronoid Plates



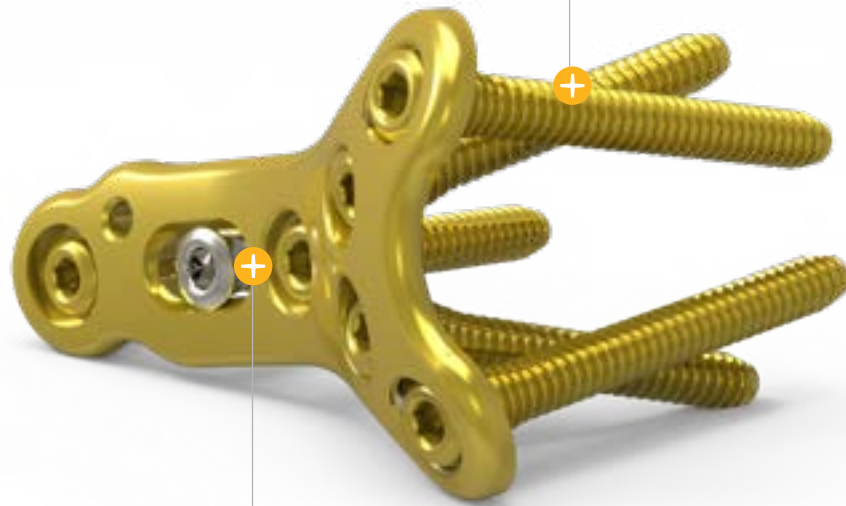


**Modularized Tray**

This modular plate system may be included with all the Acumed anatomic radial head replacement systems, or may be brought in as a stand-alone tray at the surgeon's request. The Acutrak 2<sup>®</sup> Mini and Micro Instruments are included at the base of the tray to expand the surgical options

**Strategic Screw Trajectory**

Converging and diverging locking screw angles are engineered to provide support and help capture fracture fragments



**Minimized Screw Prominence**

Locking and nonlocking 2.3 mm screws sit flush with the plate's surface



Standard Curvature Plate

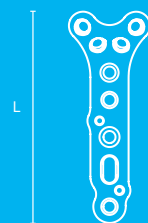


Small Curvature Plate

## Radial Head Plating System

The Acumed Radial Head Plating System is intended for fracture fixation when the radial head is salvageable. This modular plate system is included with all the Acumed anatomic radial head replacement systems or may be brought in as a stand-alone tray at the surgeon's request.

Locking Radial Head (RH) Plates	Hole Count	Length
Locking RH Plate, Standard Curvature	3-hole	31 mm
Locking RH Plate, Standard Curvature	5-hole	46 mm
Locking RH Plate, Small Curvature	3-hole	31 mm
Locking RH Plate, Small Curvature	5-hole	46 mm



### Multiple Size Options

Two lengths and two head curvatures provide options for varying patient anatomies and fracture patterns



### Specialized Instrumentation

A radiolucent targeting guide is included to assist with threading the locking drill guide into the proximal locking holes



## Hand & Wrist Product Lineup

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Acu-Loc® Wrist Spanning Plate .....	46
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## Acu-Loc® 2 Wrist Plating System

The Acumed Acu-Loc 2 Wrist Plating System offers 48 plate options including distal and proximal sitting plates, three different plate extension options, and fragment-specific plating choices. The system also features innovative instrumentation for fracture management and plate positioning.

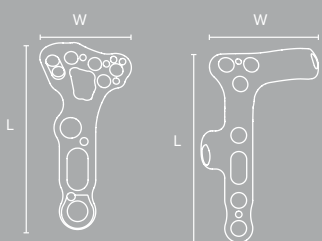
Acu-Loc 2 Volar Distal Radius (VDR) Plates	Length	Width
VDR Proximal Standard, Left, Right	49 mm	24 mm
VDR Proximal Narrow, Left, Right	49 mm	24 mm
VDR Proximal Wide, Left, Right	57 mm	27 mm
VDR Proximal Standard Long, Left, Right	65 mm	21 mm
VDR Proximal Narrow Long, Left, Right	65 mm	21 mm
VDR Proximal Extension Plate Neutral	108 mm	NA
VDR Proximal Extension Plate Long, Left, Right	167 mm	NA
VDR Standard, Left, Right	51 mm	25 mm
VDR Narrow, Left, Right	51 mm	22 mm
VDR Wide, Left, Right	59 mm	29 mm
VDR Standard Long, Left, Right	68 mm	25 mm
VDR Plate Narrow Long, Left, Right	68 mm	22 mm

Acu-Loc 2 Extra-Articular (EX) Plates	Length	Width
EX Standard	53 mm	25 mm
EX Narrow	46 mm	20 mm

Acu-Loc Dorsal Radius Locking Plates	Length	Width
Dorsal Plate, Standard, Left, Right	55 mm	28 mm
Dorsal Plate, Narrow, Left, Right	55 mm	23 mm

Distal Radius Fragment Specific (DRFS) Plates	Length	Width
Divergent Radial Styloid Plate	46 mm	6 mm
Volar Lunate Suture Plate	44 mm	14 mm
Dorsal Rim Buttress Plate, Left, Right	43 mm	33 mm
Dorsal Lunate Plate, Left, Right	43 mm	12 mm

Acu-Loc Volar Distal Ulna (VDU) Plates	Length	Width
VDU Plate, Long, Left, Right	66 mm	14 mm
VDU Plate, Standard, Left, Right	45 mm	14 mm



Volar Distal Radius Proximal Plates

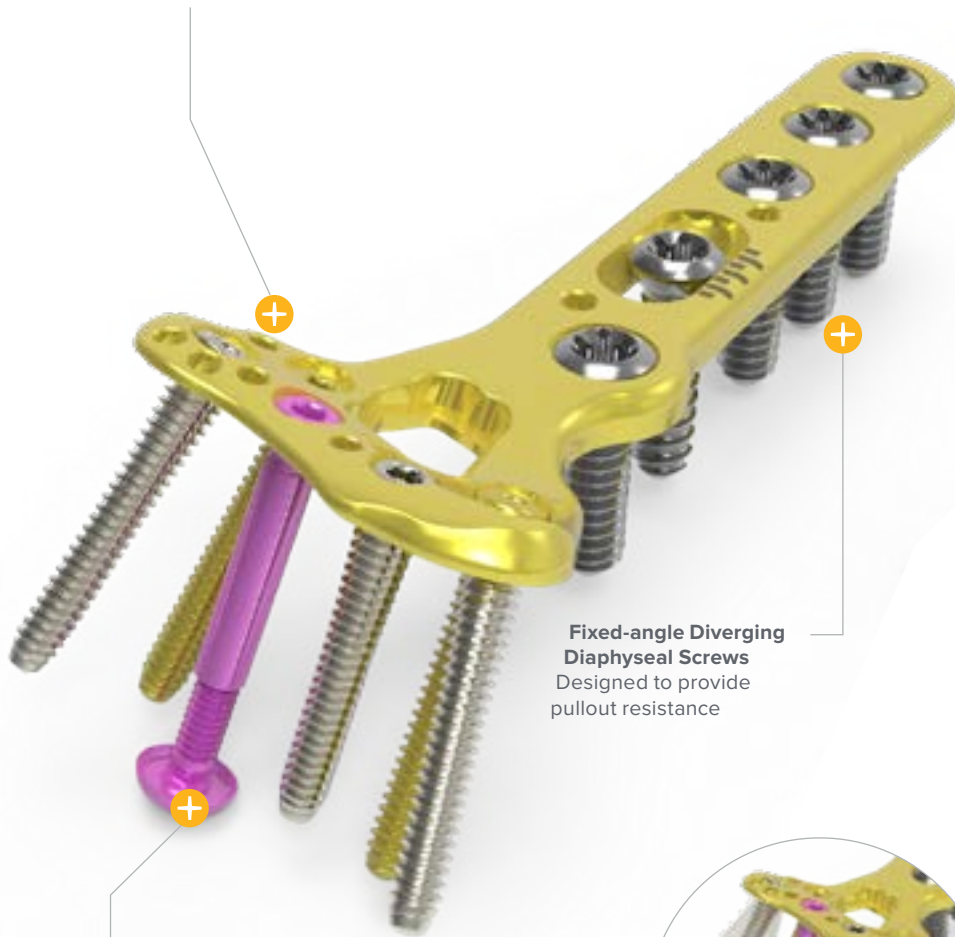


Volar Distal Radius Proximal Extension Plates



**Fixed-angle Screws and Pegs**

For targeted subchondral bone support, including two dedicated styloid screws



**Fixed-angle Diverging Diaphyseal Screws**  
Designed to provide pullout resistance

**Frag-Loc® Compression Screw**

A two-part cannulated screw designed to compress dorsal fragments



**Variable Angle Screws**

2.3 mm locking variable angle screws are designed to aid in the capture of specific fragments and accommodate variable patient anatomy



Volar Distal Radius Plates



Extra-Articular Plates



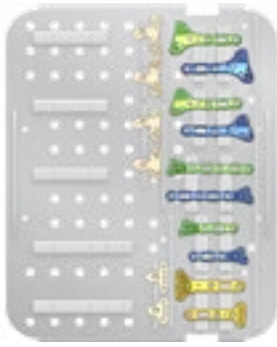
Dorsal Radius Locking Plates



Distal Radius Fragment Specific Plates



Volar Distal Ulna Plates



**Anatomic Design**

The plate's anatomic curvature is designed to facilitate the restoration of the bone's natural geometry

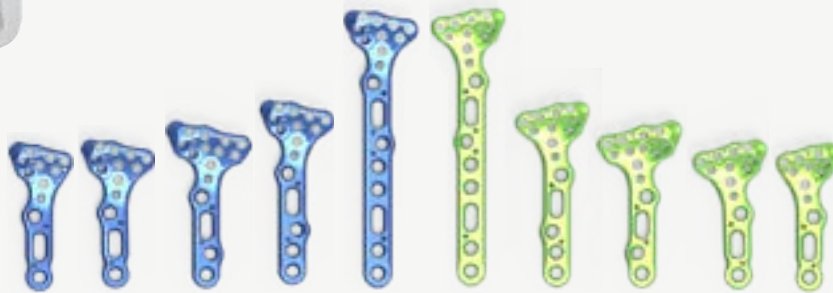


**Fixed-angle Screws**

Fixed-angle screws are designed to target the densest subchondral bone in the radial and intermediate columns of the distal radius

**Distal Screws**

Angled forward six degrees from the plate, distal screws are designed to maximize purchase in the subchondral bone to increase pull-out strength



Volar Distal Radius Plate



Extra-Articular Plates



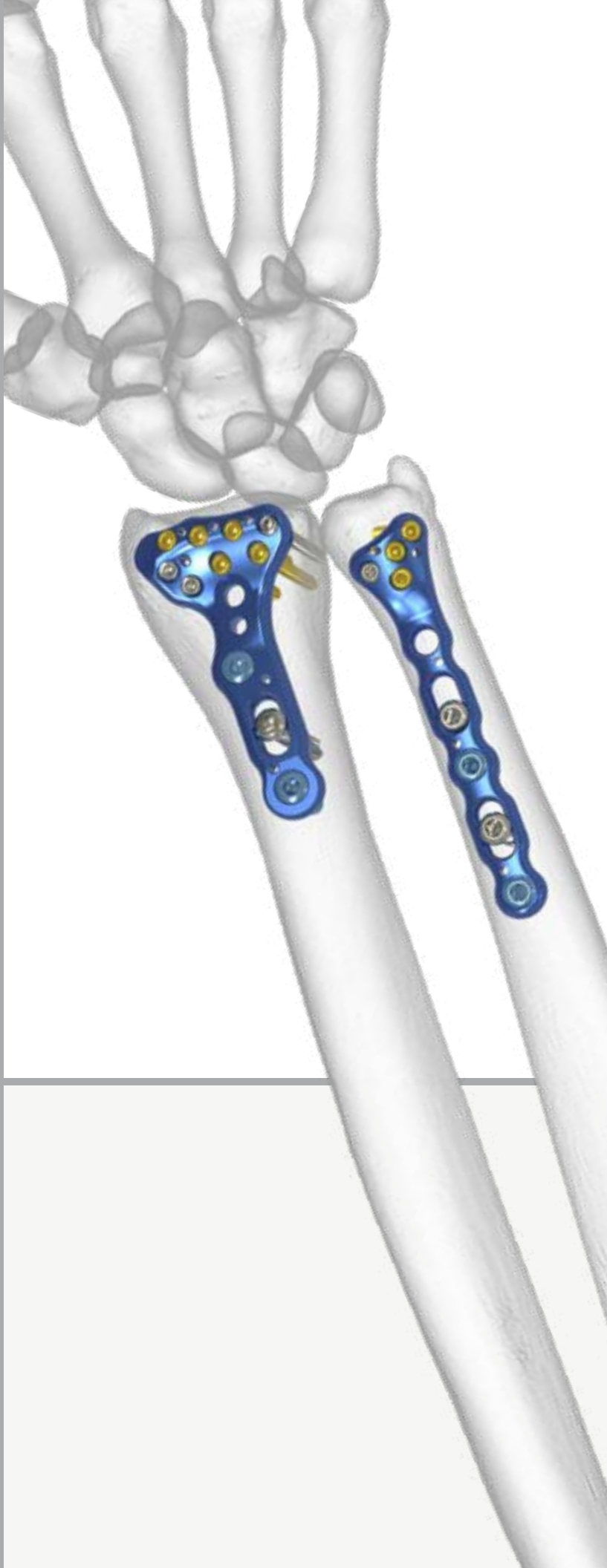
Dorsal Radius Locking Plates



Volar Distal Ulna Plates

## Acu-Loc® Wrist Plating System

To address a wide range of fractures, fusions, and osteotomies, the Acumed Acu-Loc Wrist Plating System offers four families of anatomically contoured titanium plates designed to create a strong and stable construct to help restore the natural anatomy of the wrist bones.

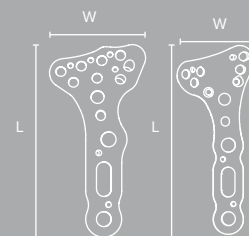


Acu-Loc Volar Distal Radius (VDR) Plates	Length	Width
VDR Standard, Left, Right	51 mm	25 mm
VDR Narrow, Left, Right	51 mm	22 mm
VDR Wide, Left, Right	57 mm	29 mm
VDR Long, Left, Right	64 mm	25 mm
VDR X-Long, Left, Right	95 mm	25 mm

Acu-Loc Dorsal Radius Locking Plates	Length	Width
Dorsal Plate, Standard, Left, Right	55 mm	28 mm
Dorsal Plate, Narrow, Left, Right	55 mm	22 mm

Acu-Loc Extra-Articular (EX) Plates	Length	Width
EX, Standard	53 mm	25 mm
EX, Narrow	46 mm	25 mm

Acu-Loc Volar Distal Ulna (VDU) Plates	Length	Width
VDU Plate, Long, Left, Right	66 mm	14 mm
VDU Plate, Standard, Left, Right	45 mm	14 mm



### Radiolucent Targeting Guide

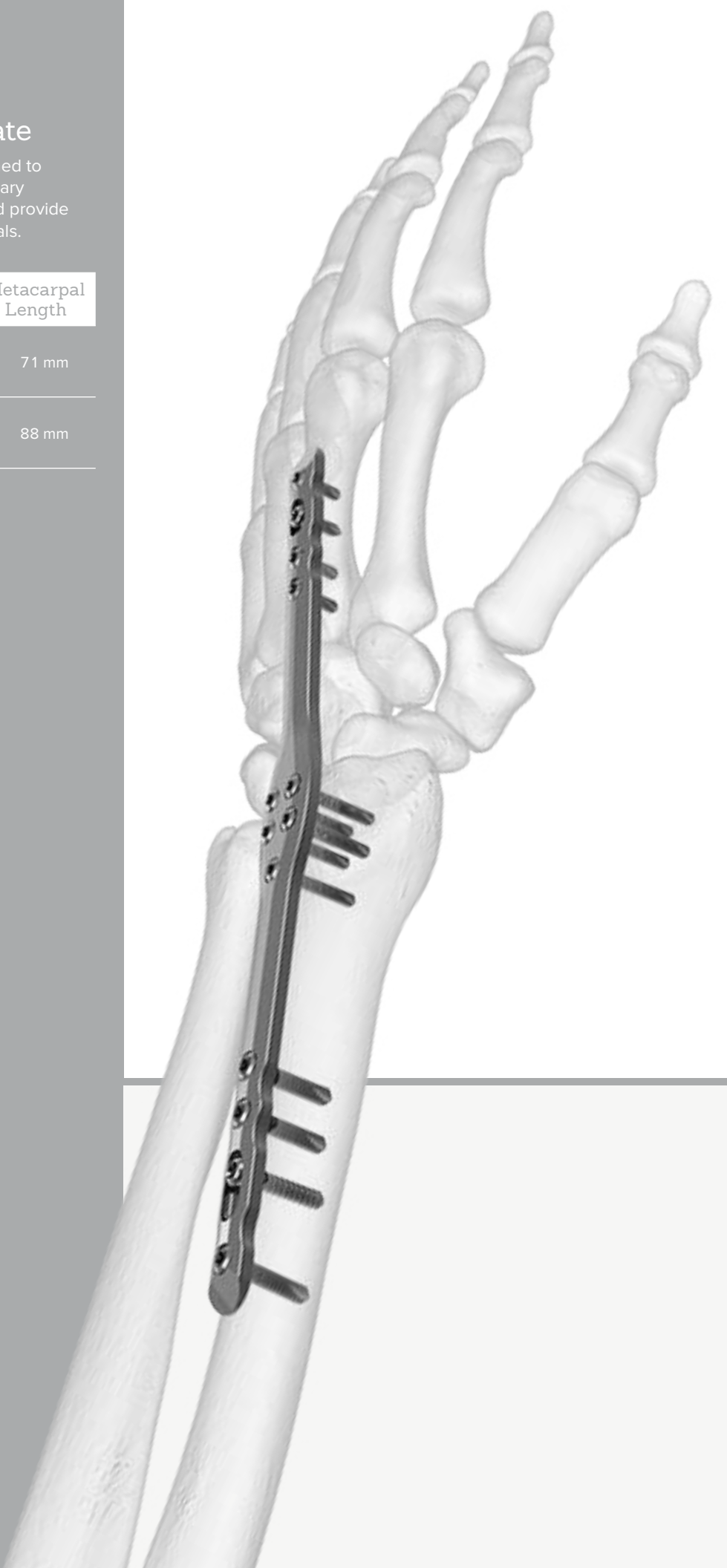
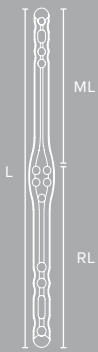
The monoblock guide allows surgeons to drill, measure, and insert screws without needing to remove the guide

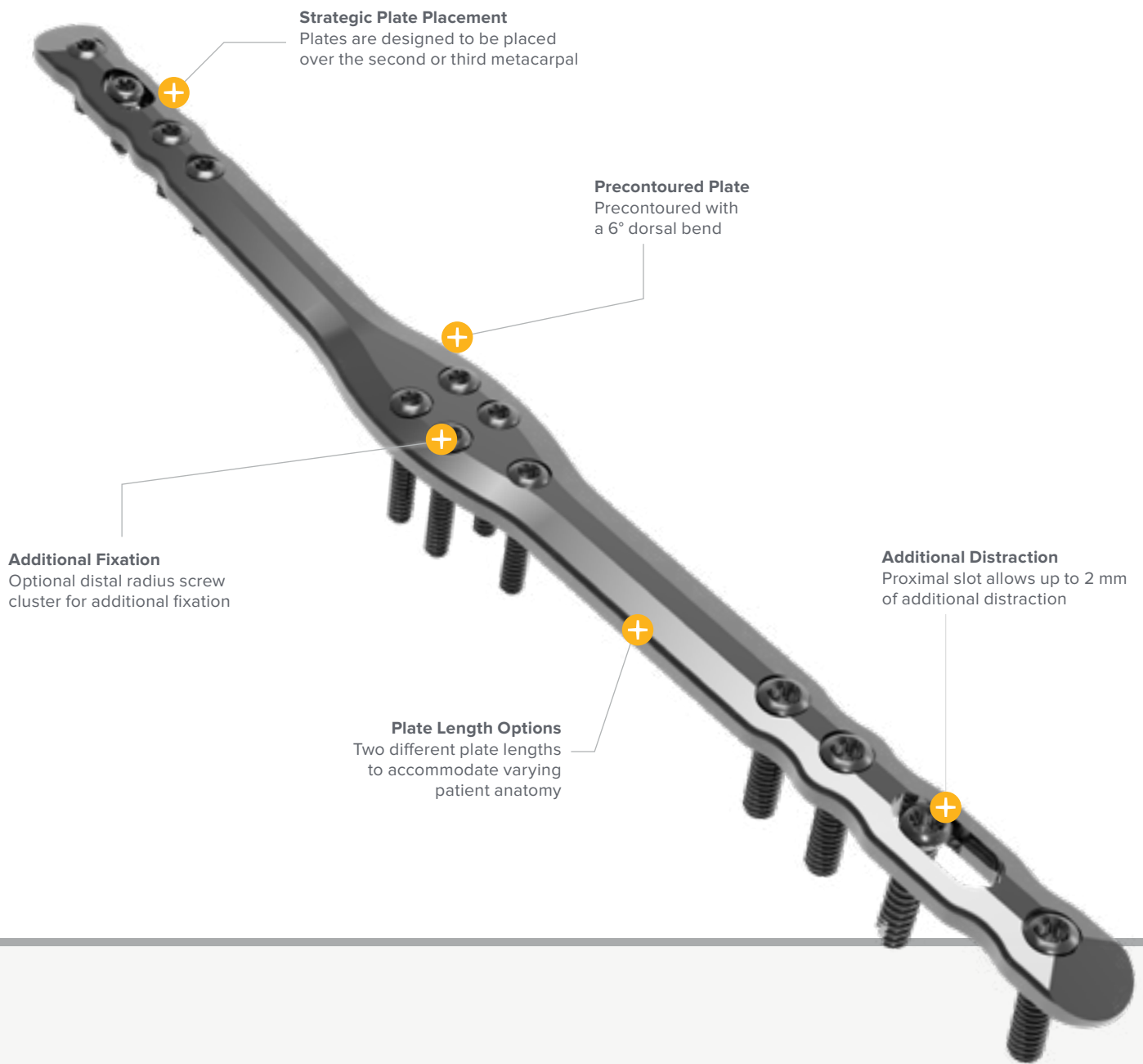


## Acu-Loc<sup>®</sup> Wrist Spanning Plate

The Acumed Acu-Loc Wrist Spanning Plate is designed to address complex distal radius fractures. This temporary fixator is designed to hold the wrist in distraction and provide ligamentotaxis to the wrist while the distal radius heals.

Acu-Loc Wrist Spanning Plates	Length	Radial Shaft Length	Metacarpal Length
Wrist Spanning Plate, Short	171 mm	100 mm	71 mm
Wrist Spanning Plate, Long	188 mm	100 mm	88 mm

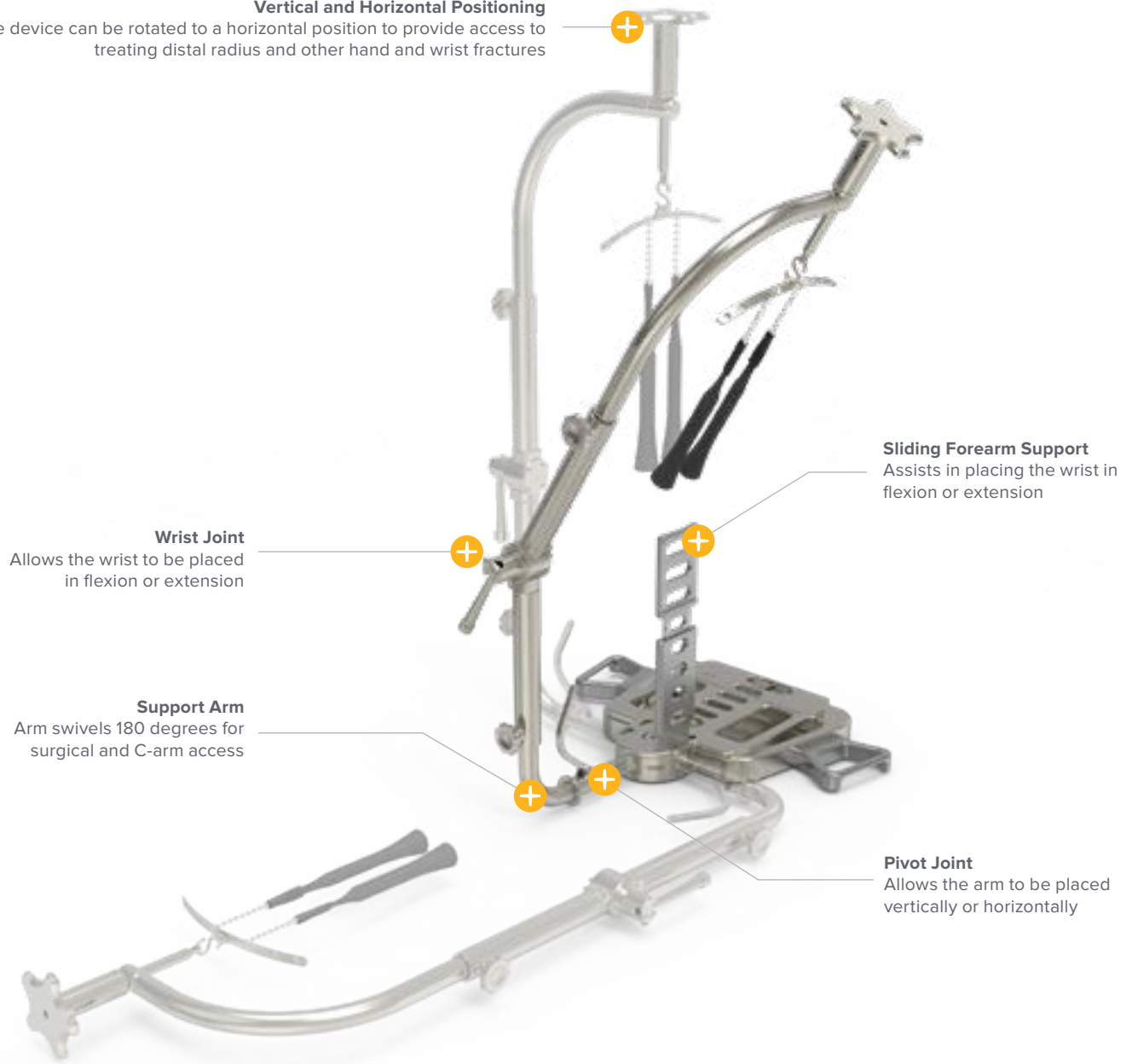






**Vertical and Horizontal Positioning**

The device can be rotated to a horizontal position to provide access to treating distal radius and other hand and wrist fractures



**Wrist Joint**  
Allows the wrist to be placed in flexion or extension

**Support Arm**  
Arm swivels 180 degrees for surgical and C-arm access

**Sliding Forearm Support**  
Assists in placing the wrist in flexion or extension

**Pivot Joint**  
Allows the arm to be placed vertically or horizontally



Fitted Finger Traps



Arm Strap

## Arc Wrist Tower

The Acumed Arc Wrist Tower is designed to provide stable traction of the patient's forearm and hand, allowing unrestricted access to the wrist during arthroscopic and fracture-reduction procedures. The support arm swivels 180 degrees to allow fluoroscopic imaging from any angle.

### Features

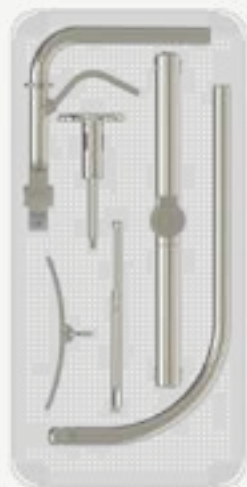
Vertical Scoping

Horizontal Scoping

Surgical Access

Versatile Fluoroscopic Imaging

Ulnar Side Access



### Spring Scale

The spring scale has reference lines in 10-pound increments

# Anatomic Midshaft Forearm Plating System

Midshaft Ulna Plates, Volar Midshaft Plates, and Dorsolateral Midshaft Radius Plates, are designed to treat fractures, fusions, and osteotomies of the radius and ulna in the Acumed Anatomic Midshaft Forearm Plating System.

Volar Midshaft Radius Plates	Hole Count	Length
Volar Midshaft Radius Plate	6-hole	80 mm
Volar Midshaft Radius Plate	8-hole	100 mm
Volar Midshaft Radius Plate	10-hole	130 mm
Volar Midshaft Radius Plate	12-hole	160 mm
<b>Opt*</b> Volar Midshaft Radius Plate	14-hole	180 mm
<b>Opt*</b> Volar Midshaft Radius Plate	16-hole	210 mm

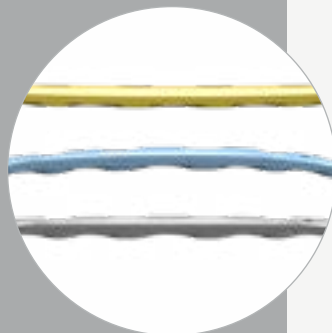
Dorsolateral Midshaft Radius Plates	Hole Count	Length
Dorsolateral Midshaft Radius Plate	6-hole	80 mm
Dorsolateral Midshaft Radius Plate	8-hole	100 mm
Dorsolateral Midshaft Radius Plate	10-hole	130 mm
Dorsolateral Midshaft Radius Plate	12-hole	160 mm
<b>Opt*</b> Dorsolateral Midshaft Radius Plate	14-hole	180 mm
<b>Opt*</b> Dorsolateral Midshaft Radius Plate	16-hole	210 mm

Midshaft Ulna Plates	Hole Count	Length
Midshaft Ulna Plate	6-hole	80 mm
Midshaft Ulna Plate	8-hole	100 mm
Midshaft Ulna Plate	10-hole	130 mm
Midshaft Ulna Plate	12-hole	160 mm
<b>Opt*</b> Midshaft Ulna Plate	14-hole	180 mm
<b>Opt*</b> Midshaft Ulna Plate	16-hole	210 mm

\*Opt: Optional, sterile-packed only



**Anatomically Precontoured**  
Precontoured plates are designed to help restore radial bow and reduce the need for intraoperative plate bending



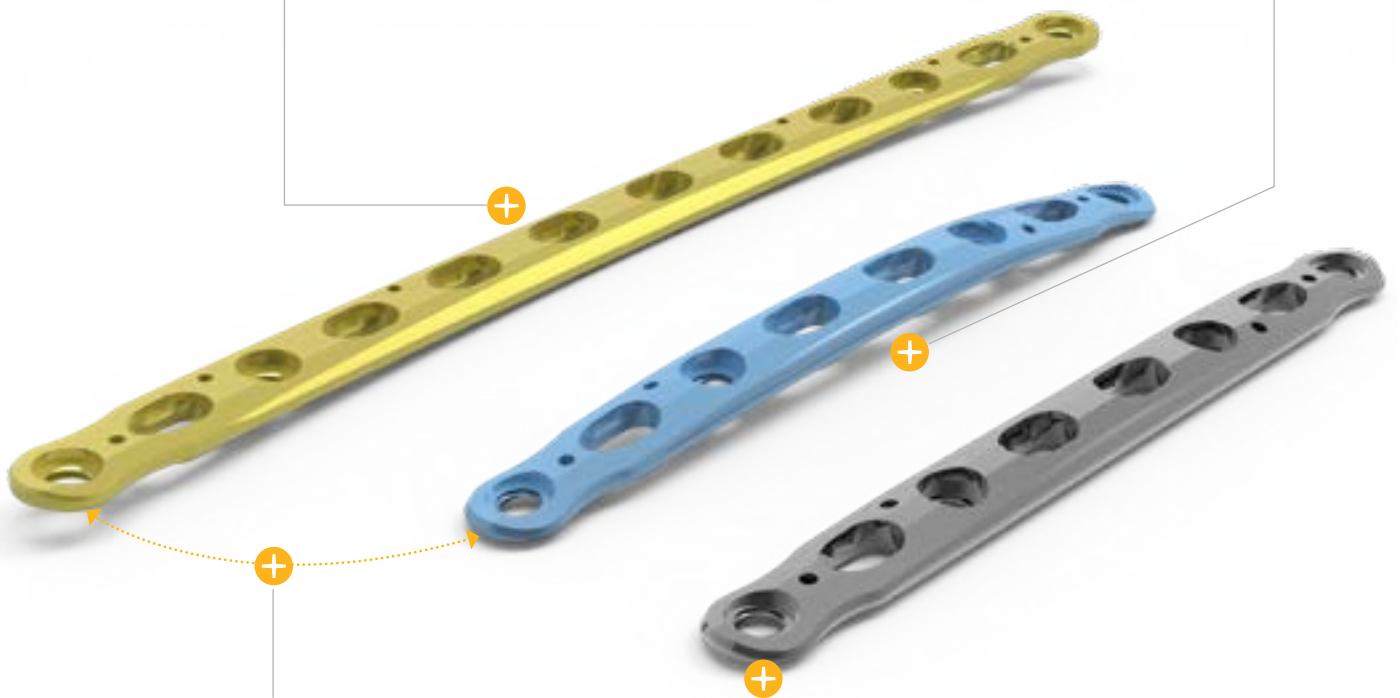
Volar Midshaft Radius Plates

**Low-profile Design**

The low screw-plate interface is engineered to minimize soft tissue irritation

**Limited Contact Undersurface**

The limited contact undersurface is designed to ease compression of the periosteum to improve blood supply to the healing zone

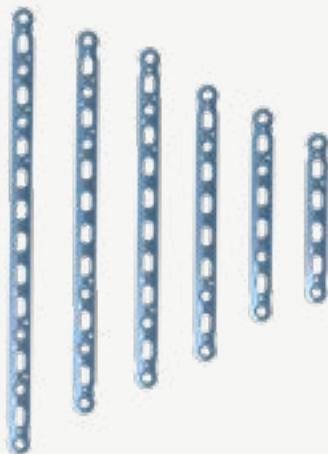


**Approach-specific Radius Plates**

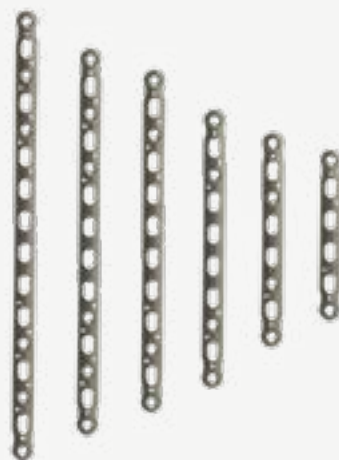
Plates offer either a dorsolateral or volar approach to radial fractures

**Tapered Ends**

Tapered ends are designed to reduce stress on bone and the risk of re-fracture above or below the plate



Dorsolateral Midshaft Radius Plates



Midshaft Ulna Plates

**Minimally Invasive**

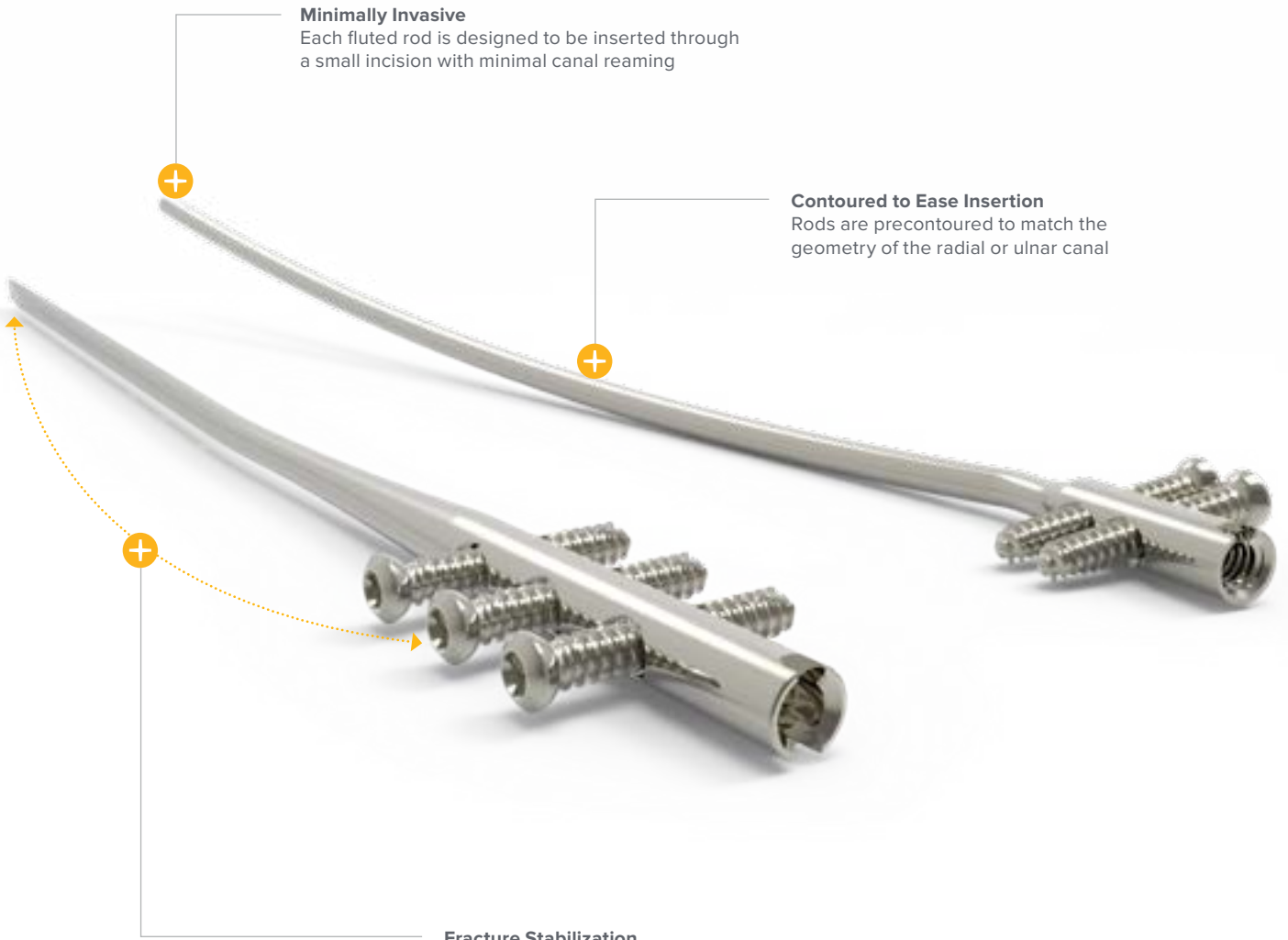
Each fluted rod is designed to be inserted through a small incision with minimal canal reaming

**Contoured to Ease Insertion**

Rods are precontoured to match the geometry of the radial or ulnar canal

**Fracture Stabilization**

A targeted interlocking screw and paddle-blade tip are engineered to lock and rotationally secure bone fragments to assist in fracture union



3.0 mm Tip Diameter

3.6 mm Tip Diameter

3.0 mm Tip Diameter

3.6 mm Tip Diameter



Ulna Rods



Radius Rods



## Forearm Rod System

The Acumed Forearm Rod System offers an intramedullary approach to address fractures and osteotomies of the radius and ulna. Implants are offered in a variety of diameters and lengths to suit varying patient anatomies. The minimally invasive technique may reduce total operating time compared to traditional open reduction internal fixation (ORIF).

Ulna Rods	Length	Tip Diameter
Ulna Rod	210 mm	3.0 mm
Ulna Rod	230 mm	3.0 mm
Ulna Rod	250 mm	3.0 mm
Ulna Rod	270 mm	3.0 mm
Ulna Rod	210 mm	3.6 mm
Ulna Rod	230 mm	3.6 mm
Ulna Rod	250 mm	3.6 mm
Ulna Rod	270 mm	3.6 mm

Radius Rods	Length	Tip Diameter
Radius Rod, Left & Right	190 mm	3.0 mm
Radius Rod, Left & Right	210 mm	3.0 mm
Radius Rod, Left & Right	230 mm	3.0 mm
Radius Rod, Left & Right	190 mm	3.6 mm
Radius Rod, Left & Right	210 mm	3.6 mm
Radius Rod, Left & Right	230 mm	3.6 mm

**Note:** Base diameter for all rods is 6 mm



**Radiolucent Targeting Guide**  
The interlocking screws can be inserted through slit incisions and implanted using the targeting guide



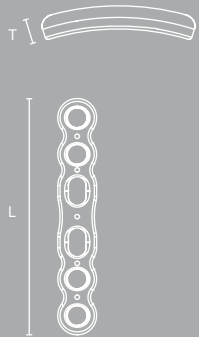
# Hand Fracture System

The Acumed Hand Fracture System features both standard and specialty plates for fixation of metacarpal and phalangeal fractures, fusions, and osteotomies.

Product is in the process of registration with the CFDA.

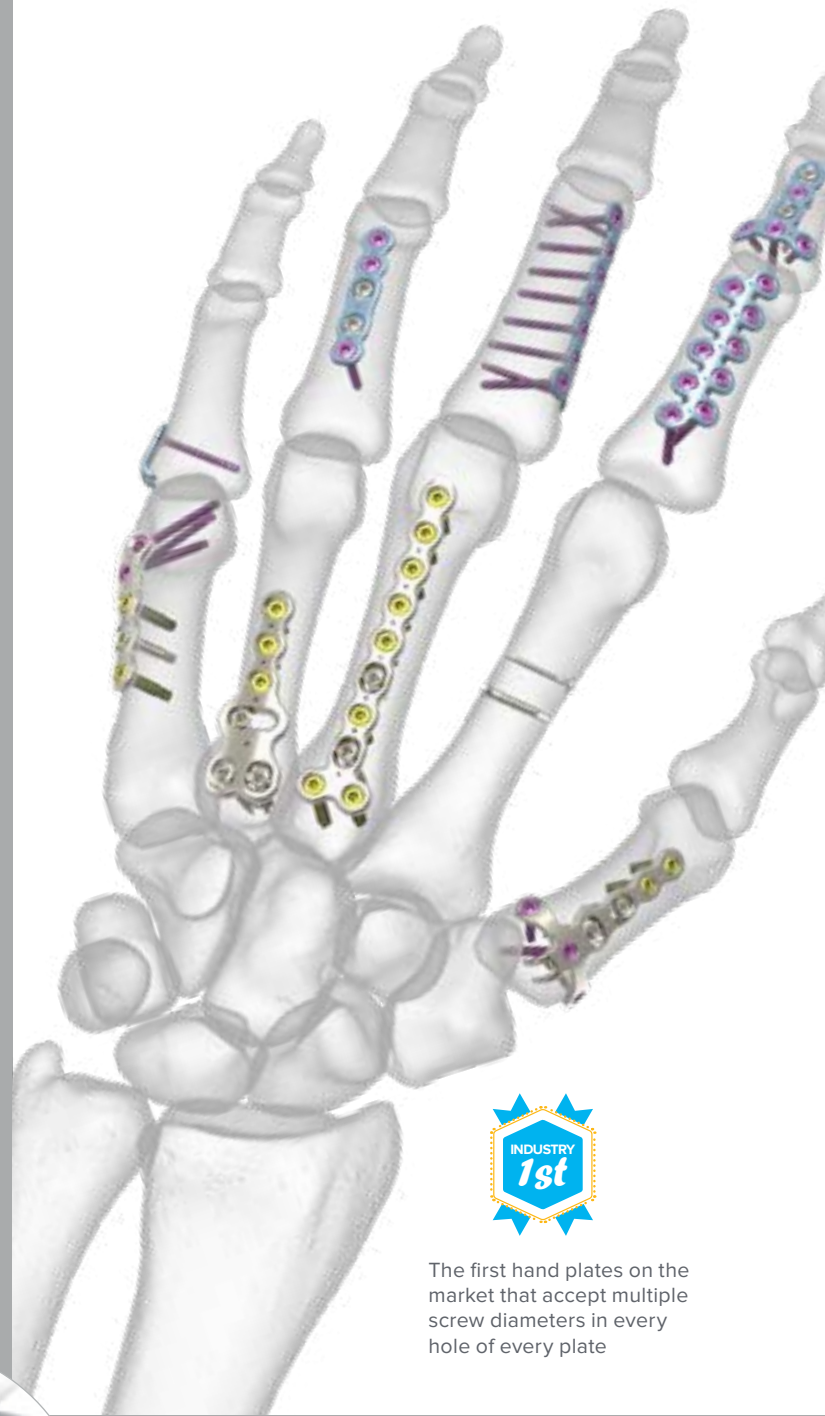
Standard Plates	Thickness	Length
Compression Plate, 6-hole	0.8 mm	32.3 mm
Compression Plate, 6-hole	1.3 mm	38.3 mm
Straight Plate, 10-hole	0.8 mm	50.2 mm
Straight Plate, 10-hole	1.3 mm	60.2 mm
T-Plate	0.8 mm	50.0 mm
T-Plate	1.3 mm	59.9 mm
Offset Plate	0.8 mm	35.0 mm

Specialty Plates	Thickness	Length
Curved Medial/Lateral Plate	0.8 mm	35.8 mm
Avulsion Fracture Hook Plate	0.8 mm	10.0 mm
Metacarpal Neck Plate, Left & Right	1.3 mm	27.8 mm
Rolando Fracture Hook Plate	1.3 mm	34.6 mm
Rotational Correction Plate	1.3 mm	33.7 mm



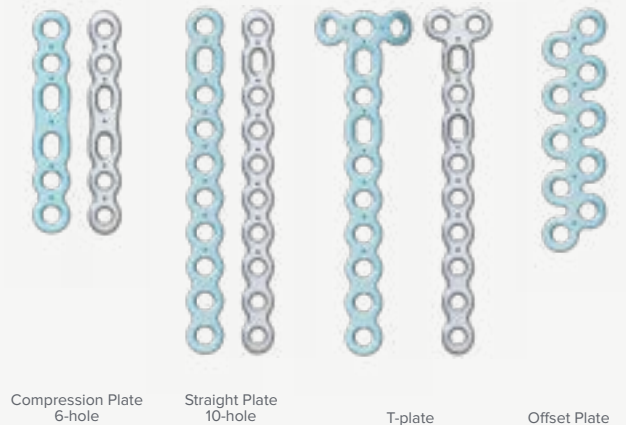
### Specialized Instrumentation

A customized plate cutter leaves a rounded edge, designed to minimize soft tissue irritation



The first hand plates on the market that accept multiple screw diameters in every hole of every plate

Standard Plates (blue = 0.8 mm, silver = 1.3 mm)



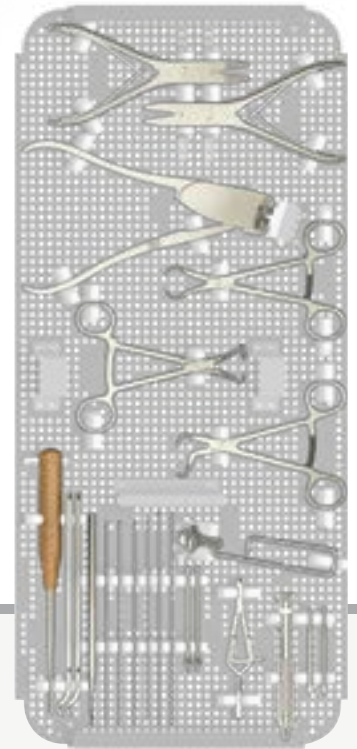
**Customizable**

Fracture-specific and standard plates can be bent to fit and cut to length, providing nearly 100 plate options



**Specialty Plate Options**

Specialty plates include Metacarpal Neck, Rolando Fracture, and Curved Medial/Lateral



Specialty Plates (blue = 0.8 mm, silver = 1.3 mm)



Curved Medial/Lateral Plate

Avulsion Fracture Hook Plate

Metacarpal Neck Plate

Rolando Fracture Hook Plate

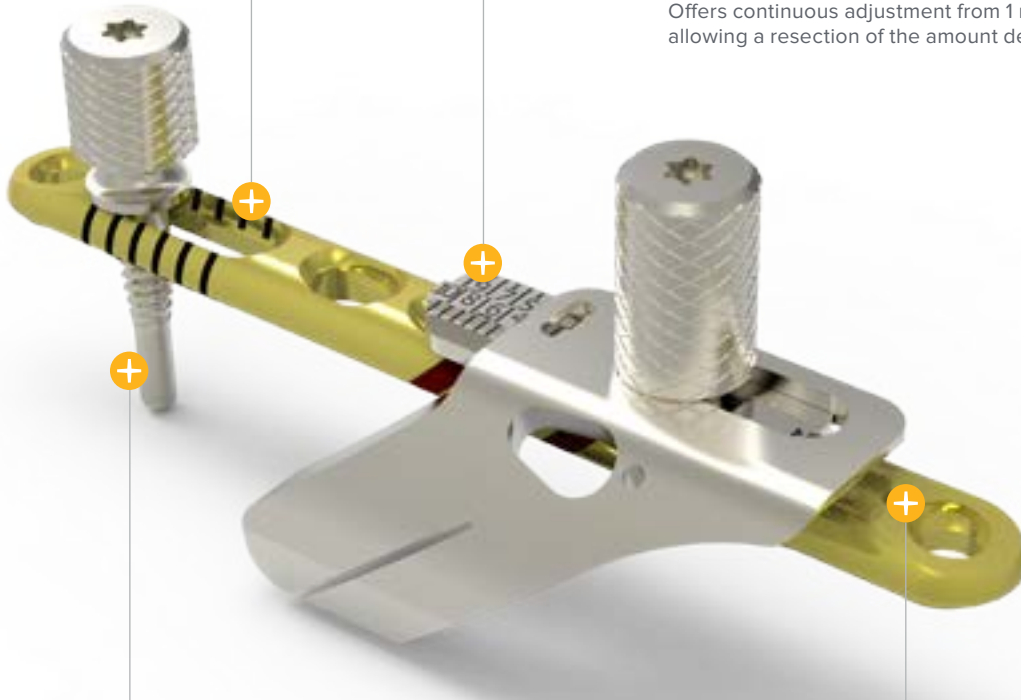
Rotational Correction Plate

**Reference Lines**

Help facilitate the osteotomy when a freehand cut is preferred. 40° oblique laser lines and perpendicular lines are spaced 2 mm apart

**Cutting Guide**

Offers continuous adjustment from 1 mm to 10 mm, allowing a resection of the amount desired

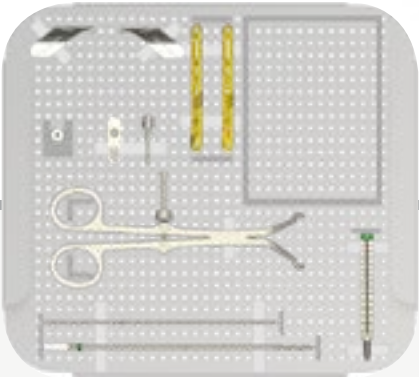


**Ulna Shortening Reduction Peg**

Is designed to stabilize the ulna and help maintain rotational alignment while creating the osteotomy prior to being used with the reduction clamp

**Versatile Construct**

The Osteotomy Guide construct offers the ability to make up to a 10 mm osteotomy with a single adjustment and features the ability to lock up to 3 screws distally and 1 proximally



**Choice of Saw Blades**

Three sagittal saw blade options suit different power couplings, expanding the options for the surgeon



Osteotomy Plate

Hub Style L

Hub Style S

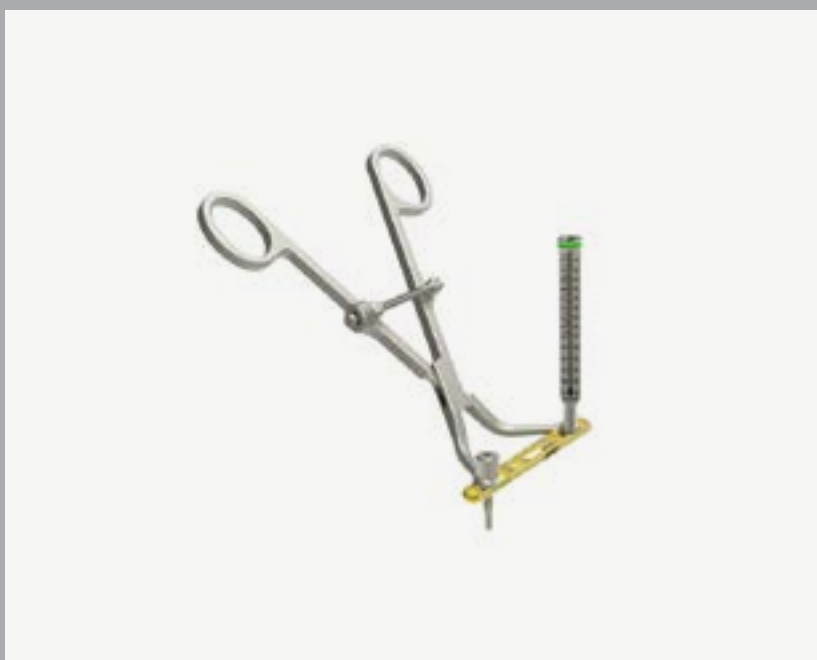
Hub Style DS

## Osteotomy System

The Acumed Osteotomy System features the Ulna Shortening Plate, with built-in osteotomy reference lines and a cutting guide. The system offers screws which sit below the plate surface when fully seated, and the interfragmentary lag screw can be placed in one of two locations to securely compress the osteotomy.



Osteotomy Plate	Length	Width
Ulna Shortening Plate, 6-hole	85 mm	10 mm distally 8.8 mm proximally



### Advanced Instrumentation

The Ulna Shortening Reduction Clamp utilizes a speed-lock wheel designed to help maintain a hands-free compression of the osteotomy, in combination with the Ulna Shortening Reduction Peg and a locking drill guide



## Small Joint Reamer System

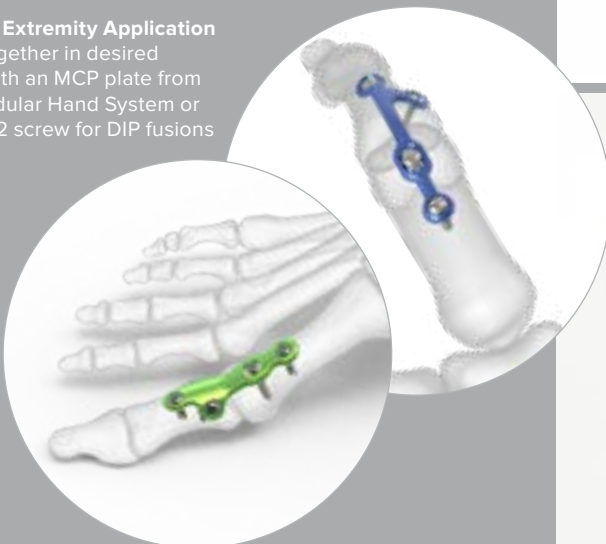
The Acumed Small Joint Reamer System can be used in both the upper and lower extremities. The reamers are designed to create stable, congruent bone surfaces in the MTP, MCP, IP, and DIP joints prior to fusion procedures with Acumed plates, Acutrak 2® screws, or other methods of fixation.

Small Joint Reamers	Diameter
Concave Reamer	10 mm
Concave Reamer	12 mm
Concave Reamer	14 mm
Concave Reamer	16 mm
Concave Reamer	20 mm
Concave Reamer	24 mm
Convex Reamer	10 mm
Convex Reamer	12 mm
Convex Reamer	14 mm
Convex Reamer	16 mm
Convex Reamer	20 mm
Convex Reamer	24 mm



### Potential Upper Extremity Application

Fit phalanges together in desired flexion and fix with an MCP plate from the Acumed Modular Hand System or with an Acutrak 2 screw for DIP fusions



### Potential Lower Extremity Application

Create desired fit for MTP fusions when paired with the MTP plates found in the Acumed Locking Forefoot/Midfoot Plating System



### Specialized Instrumentation

System includes Reamer Gauges to assist in determining sizing prior to reaming the bone surface

**Cannulated Body**  
Cannulation accepts a  
.059" guide wire to facilitate  
reaming of bone surface



**Cutting Flutes to Clear Debris**  
Innovative cutting flutes are designed  
to clear bone debris during use

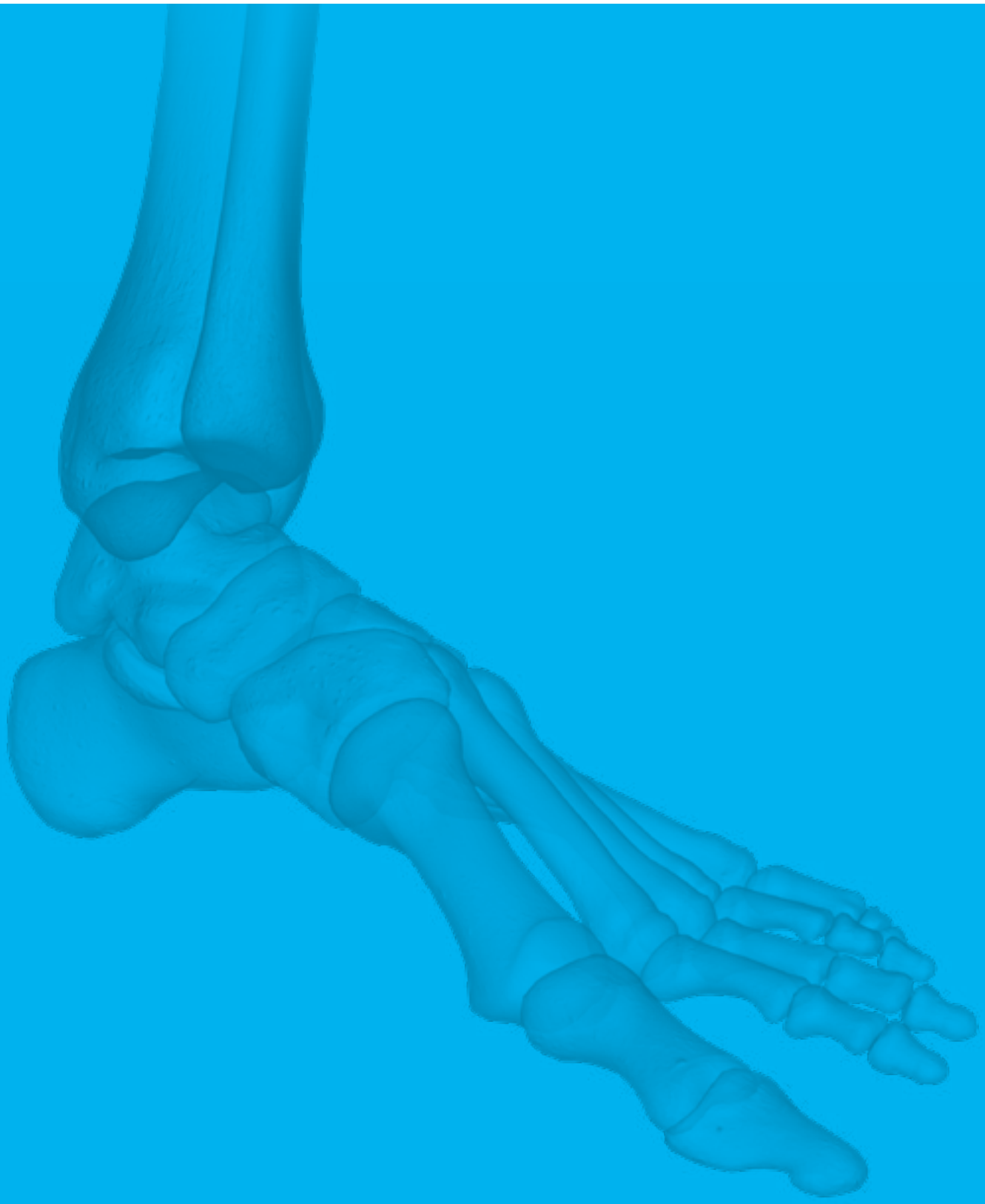
Reamers are available in 10 mm, 12 mm, 14 mm, and 16 mm sizes for the fingers and thumb and 20 mm and 24 mm sizes for the great toe



Concave Reamers



Convex Reamers



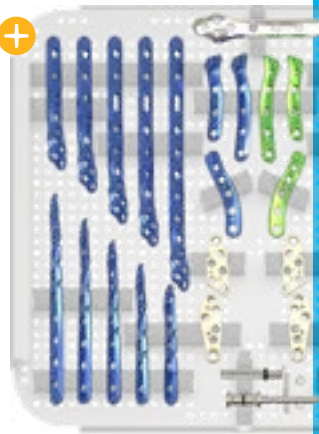
## Foot & Ankle Products

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**Posterior Malleolus Plates**

The system features unique Posterolateral and Posteromedial Distal Tibia Plates for the fixation of challenging posterior malleolus fractures

Seven plate families address fractures of the medial, lateral, and posterior malleoli



**Two Styles of Hook Plates**

A hook plate with two distal prongs and a hook plate with a cortical peg are designed to address avulsion fractures of the distal tibia and fibula



**Cannulated Screws**

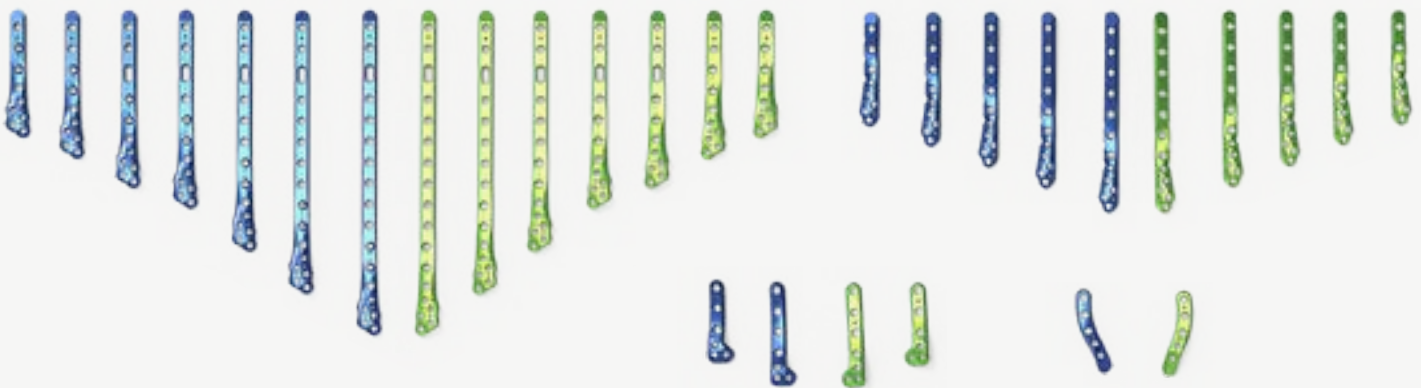
4.0 Cannulated Screws are included for the treatment of medial malleolus fractures



System-specific instrumentation in the ankle platter works in conjunction with the Small Fragment Base Set

Lateral Fibula Plates

Posterolateral Fibula Plates



Posterolateral Distal Tibia Plates

Posteromedial Distal Tibia Plates



## Ankle Plating System 3

The Ankle Plating System 3 offers anatomically shaped plates as well as one-third-tubular plates, located in the Acumed Small Fragment Base Set, for fractures of the distal tibia and fibula.

Product is in the process of registration with the CFDA.



Acumed Small Fragment Base Set Required



Variable Angle Screw Compatibility Indicator

Lateral Fibula Plates	Hole Count	Length
Lateral Fibula Plate, Left & Right	4-hole	74 mm
Lateral Fibula Plate, Left & Right	5-hole	86 mm
Lateral Fibula Plate, Left & Right	6-hole	103 mm
Lateral Fibula Plate, Left & Right	7-hole	115 mm
Lateral Fibula Plate, Left & Right	9-hole	135 mm
<b>Opt*</b> Lateral Fibula Plate, Left & Right	11-hole	164 mm
<b>Opt*</b> Lateral Fibula Plate, Left & Right	13-hole	188 mm

Posterolateral Fibula Plates	Hole Count	Length
Posterolateral Fibula Plate, Left & Right	3-hole	66 mm
Posterolateral Fibula Plate, Left & Right	4-hole	78 mm
Posterolateral Fibula Plate, Left & Right	5-hole	90 mm
Posterolateral Fibula Plate, Left & Right	6-hole	102 mm
Posterolateral Fibula Plate, Left & Right	7-hole	116 mm

Posterolateral Distal Tibia Plates	Hole Count	Length
Posterolateral Distal Tibia Plate, Left & Right	3-hole	48 mm
Posterolateral Distal Tibia Plate, Left & Right	4-hole	60 mm

Posteromedial Distal Tibia Plates	Hole Count	Length
Posteromedial Distal Tibia Plate, Left & Right	3-hole	49 mm

Hook Plates	Hole Count	Length
Hook Plate	2-hole	43 mm
Hook Plate	3-hole	57 mm

Locking Peg Hook Plates	Hole Count	Length
Locking Peg Hook Plate	2-hole	45 mm
Locking Peg Hook Plate	3-hole	59 mm

Medial Anti-Glide Plate	Hole Count	Length
Medial Anti-Glide Plate	4-hole	70 mm

Cannulated Screws	Length
4.0 Cannulated Screw, Long Thread	36 mm
4.0 Cannulated Screw, Long Thread	42 mm
4.0 Cannulated Screw, Long Thread	48 mm

\*Opt: Optional, sterile-packed only

### Innovative Instrumentation

The Syndesmosis Targeting Guide attaches to the Posterolateral Fibula Plates and allows the surgeon to target the desired angle for syndesmosis screw fixation



Hook Plates & Locking Peg Hook Plates

Medial Anti-Glide Plate



4.0 mm Cannulated Screws



## Locking Ankle Plating System

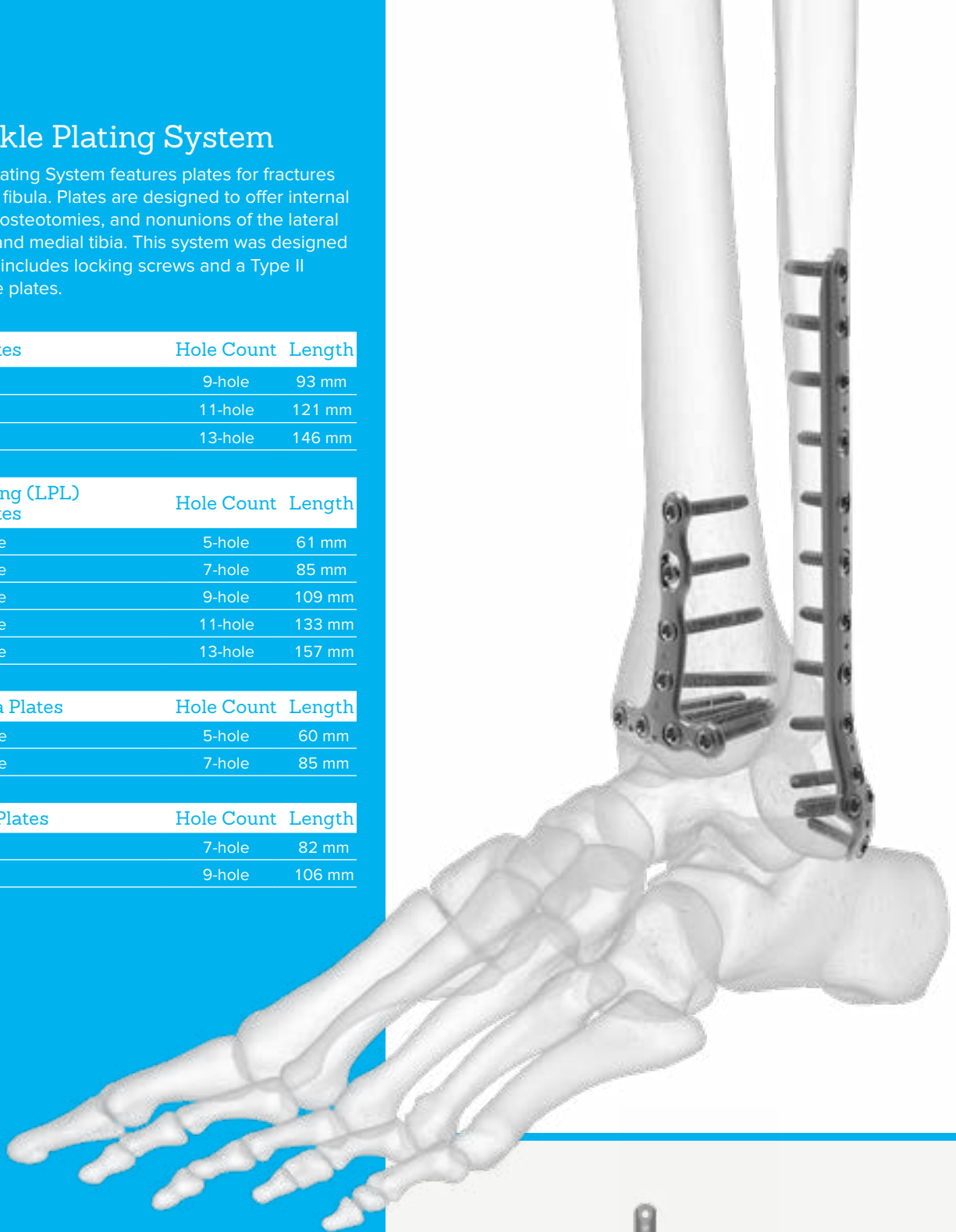
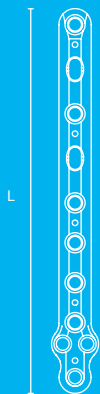
The Locking Ankle Plating System features plates for fractures of the distal tibia and fibula. Plates are designed to offer internal fixation for fractures, osteotomies, and nonunions of the lateral fibula, anterior tibia, and medial tibia. This system was designed to be low profile and includes locking screws and a Type II anodized finish to the plates.

Lateral Fibula Plates	Hole Count	Length
Lateral Fibula Plate	9-hole	93 mm
Lateral Fibula Plate	11-hole	121 mm
Lateral Fibula Plate	13-hole	146 mm

Low-profile Locking (LPL) Lateral Fibula Plates	Hole Count	Length
LPL Lateral Fibula Plate	5-hole	61 mm
LPL Lateral Fibula Plate	7-hole	85 mm
LPL Lateral Fibula Plate	9-hole	109 mm
LPL Lateral Fibula Plate	11-hole	133 mm
LPL Lateral Fibula Plate	13-hole	157 mm

LPL Anterior Tibia Plates	Hole Count	Length
LPL Anterior Tibia Plate	5-hole	60 mm
LPL Anterior Tibia Plate	7-hole	85 mm

LPL Medial Tibia Plates	Hole Count	Length
LPL Medial Tibia Plate	7-hole	82 mm
LPL Medial Tibia Plate	9-hole	106 mm



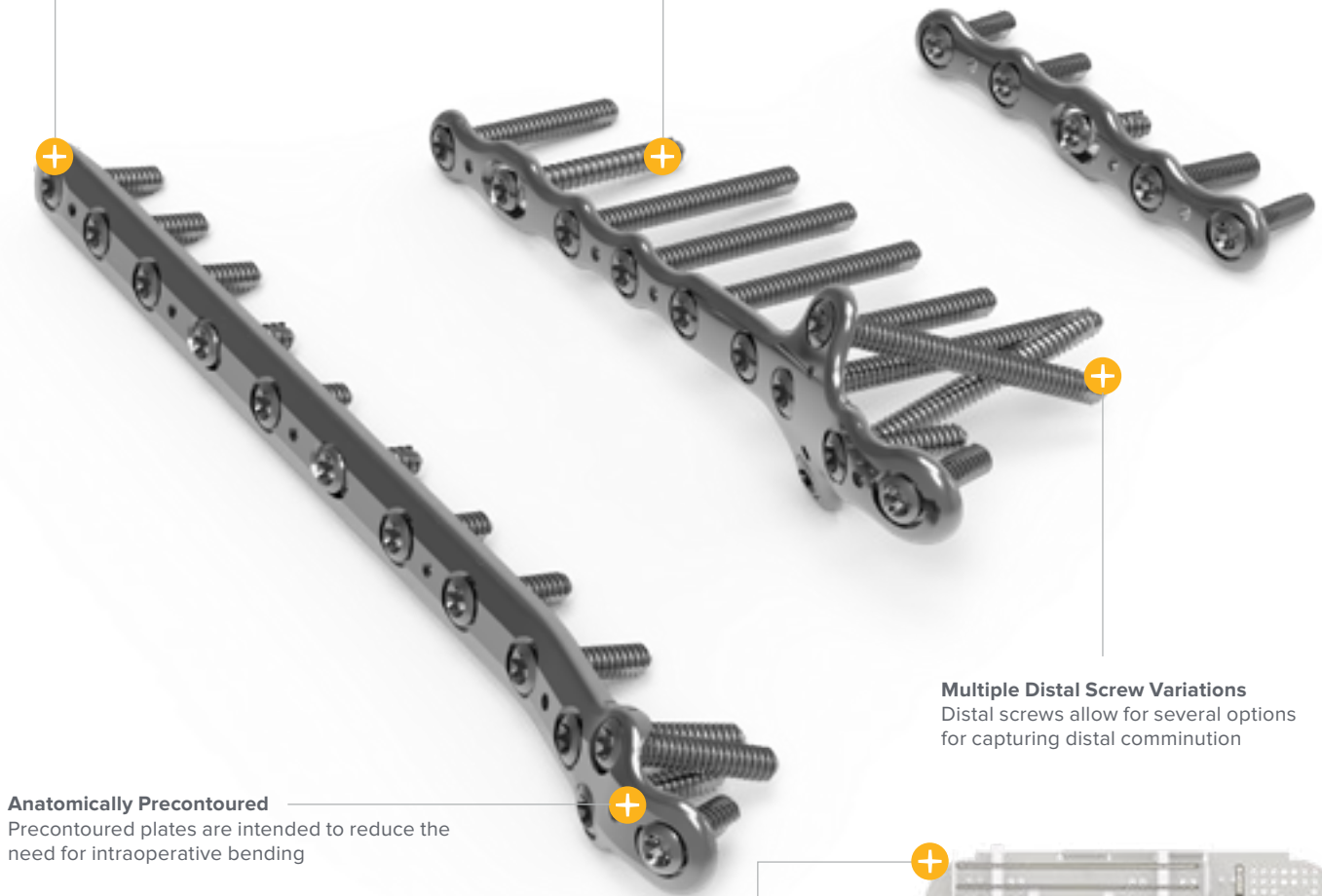
Lateral Fibula Plates

**Low-profile Geometry**

Plates with a low profile are engineered to minimize soft tissue irritation

**Locking Technology**

Locking plates do not rely on plate to bone compression or friction forces to obtain stability



**Anatomically Precontoured**

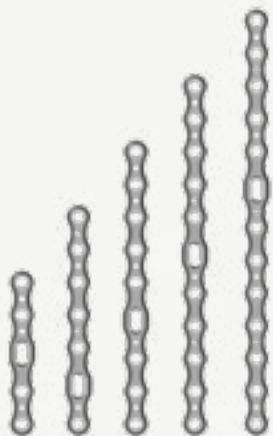
Precontoured plates are intended to reduce the need for intraoperative bending

**Multiple Distal Screw Variations**

Distal screws allow for several options for capturing distal comminution



The Locking Ankle Plating System is a modular component of the Lower Extremity Modular System. The Lower Extremity Modular System houses a range of implants and instrumentation for foot and ankle indications.



LPL Lateral Fibula Plates



LPL Anterior Tibia Plates



LPL Medial Tibia Plates

**Approach-Specific Design**

MINI-Calc Plates are specifically designed to be inserted through a 5.0 cm sinus tarsi incision, which provides visibility of the subtalar articular surface to aid in anatomic fracture reduction

**Locking Calcaneal Plate**

The plate is recommended for the lateral wall right-angled extensile surgery approach

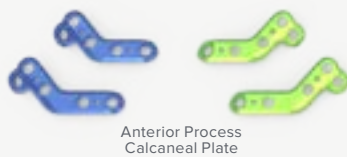
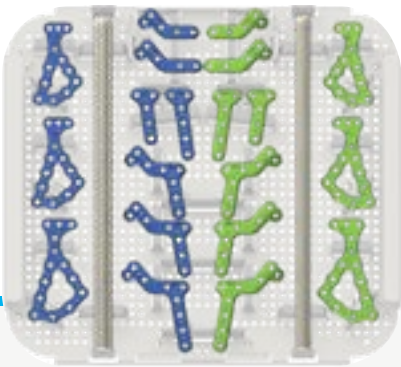


**Low-profile**

The 1.27 mm thick MINI-Calc Plates are designed to minimize soft tissue irritation

**Fragment-Specific Options**

The system offers a variety of plates to accommodate different fracture types, whether comminution is present in the anterior process, through the posterior facet, or in the posterior tuberosity



Anterior Process Calcaneal Plate



Posterior Tuberosity Calcaneal Plate



Combo Calcaneal Plate



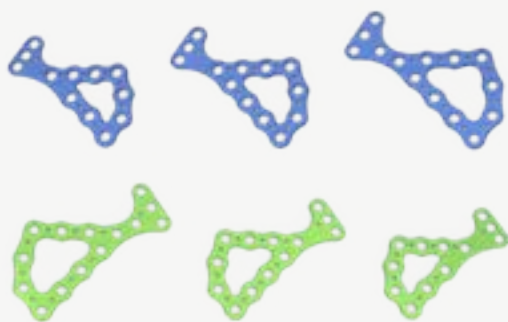
## Calcaneal Plating System

Designed to deliver a new level of performance, versatility, and reliability for calcaneal fractures, the Acumed Calcaneal Plating System includes MINI-Calc® plates intended for use in a sinus tarsi approach that may reduce the potential for soft tissue irritation.

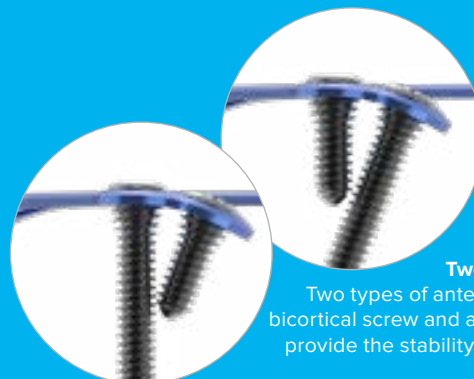
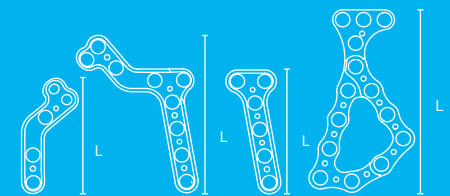


MINI-Calc Plates	Plate Length	Thickness
Anterior Process Calcaneal Plate, Medium, Left, Right	41 mm	1.27 mm
Anterior Process Calcaneal Plate, Large Left, Right	45 mm	1.27 mm
Posterior Tuberosity Calcaneal Plate, 5 Hole Left, Right	19 mm	1.27 mm
Posterior Tuberosity Calcaneal Plate, 6 Hole, Left, Right	21 mm	1.27 mm
Combo Calcaneal Plate, Medium, 8 Hole, Left, Right	41 mm	1.27 mm
Combo Calcaneal Plate, Large, 8 Hole, Left, Right	45 mm	1.27 mm
Combo Calcaneal Plate, Large, 9 Hole, Left, Right	47 mm	1.27 mm

Locking Calcaneal Plates	Plate Length	Thickness
Locking Calcaneal Plate, Small, Left, Right	57 mm	0.5 mm
Locking Calcaneal Plate, Medium, Left, Right	63 mm	0.5 mm
Locking Calcaneal Plate, Large, Left, Right	71 mm	0.5 mm



Locking Calcaneal Plate



### Two Screw Configurations

Two types of anterior-most screws, a long bicortical screw and a short unicortical screw, provide the stability necessary for fixing the anterior process



## Calc-Jak

The Acumed Calc-Jak is an instrument designed to help pull displaced fractures of the calcaneus out to length to assist surgeons in restoring patient anatomy prior to fracture fixation.

### Pin Size

4.0 mm Threaded Pin, Quick Release

5.0 mm Threaded Pin, Quick Release

### Drill Size

3.0 mm Drill, 4.0 mm Shank, Quick Release

3.8 mm Drill, 5.0 mm Shank, Quick Release

### Parallel Pin Guide Size

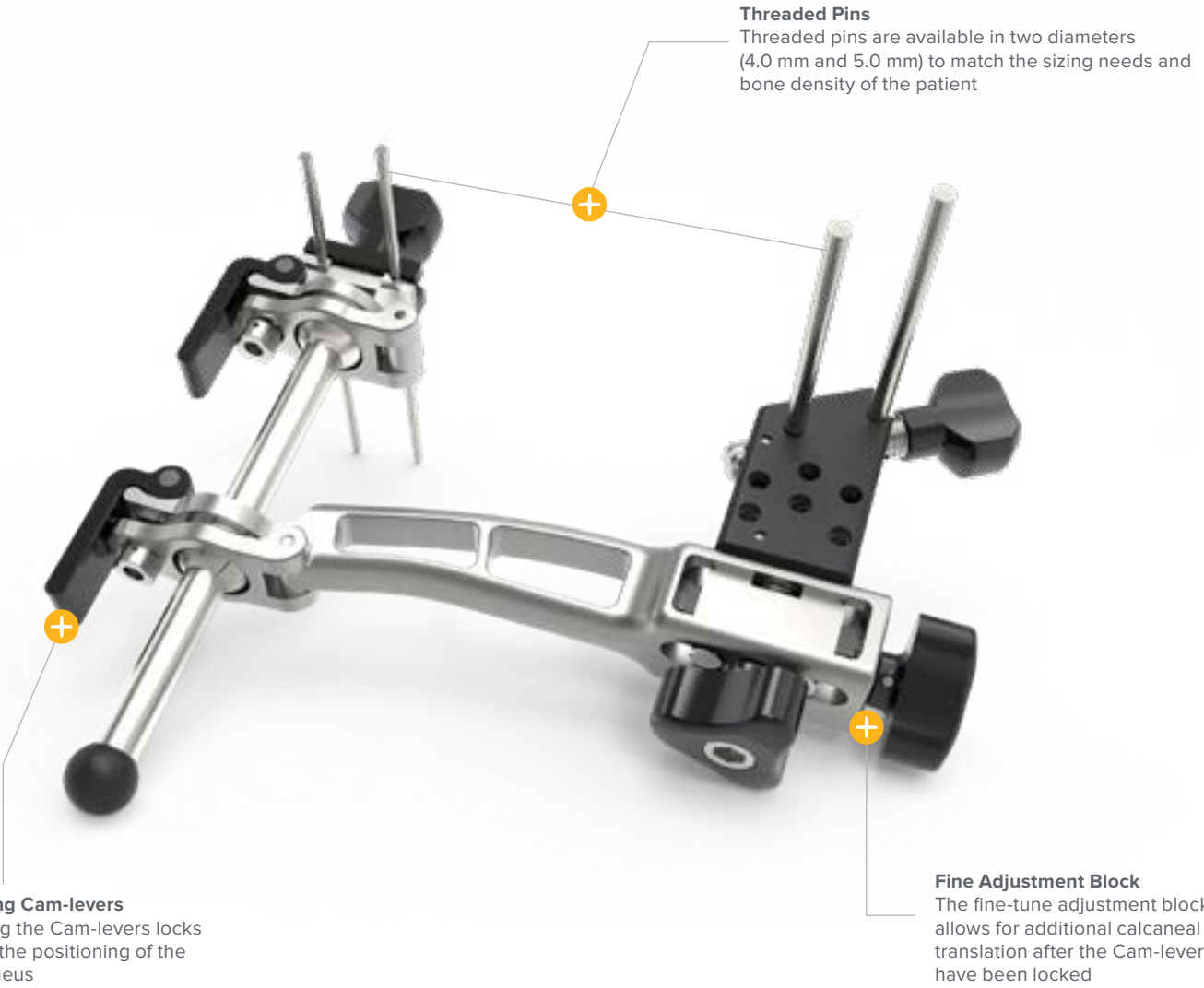
4.0 mm Parallel Pin Guide

5.0 mm Parallel Pin Guide



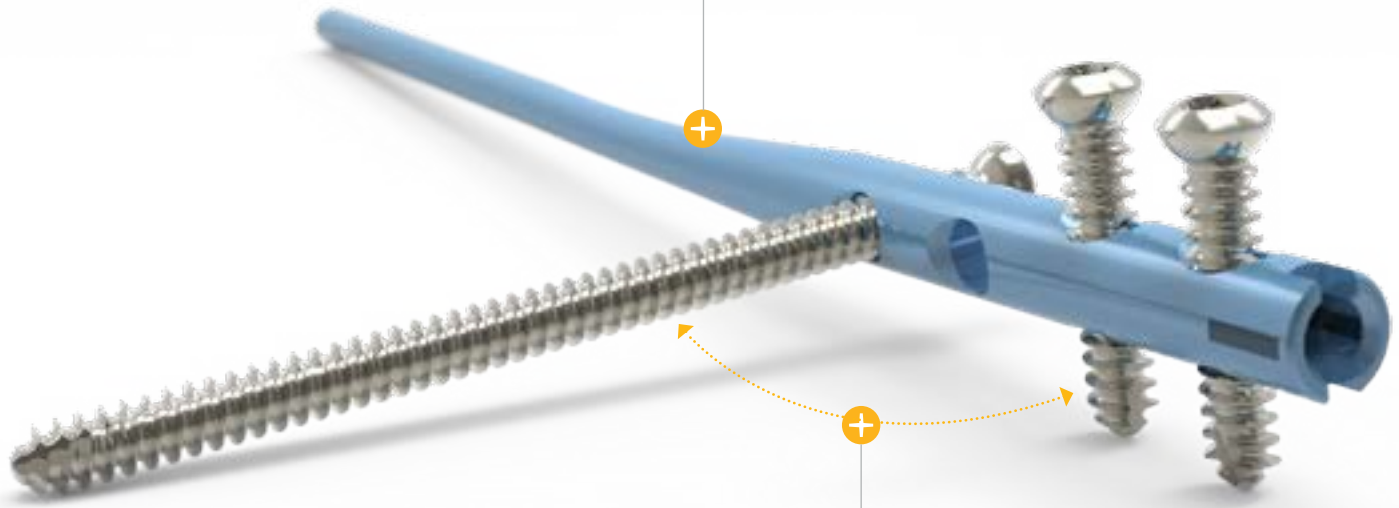
### Sinus Tarsi Approach

The Calc-Jak system may be used with the minimally invasive sinus tarsi approach for treating calcaneus fractures with MINI-Calc® Plates



Calc-Jak Instrument System

**Precontoured Bend Aligns With Fibular Canal**  
Rods have a 5° bend, engineered to help restore anatomic bow



**A/P and M/L Screws**

The screw directions are designed to minimize longitudinal or rotational displacement while stabilizing the lateral buttress of the mortise



3.0 mm Tip Diameter



3.6 mm Tip Diameter

## Fibula Rod System

The Acumed Fibula Rod System offers an alternative approach to traditional fibular plating by providing fracture stability through a minimally invasive surgical procedure. Using a targeting guide, the fibula rod and interlocking screws can be inserted through small incisions, which may reduce total operating time compared to traditional open reduction internal fixation (ORIF).

Fibula Rods	Length	Tip Diameter
Fibula Rod	110 mm	3.0 mm
Fibula Rod	145 mm	3.0 mm
Fibula Rod	180 mm	3.0 mm
Fibula Rod	110 mm	3.6 mm
Fibula Rod	145 mm	3.6 mm
Fibula Rod	180 mm	3.6 mm

**Note:** Base diameter for all rods is 6 mm



### Fibula Rod Targeting Guide

The targeting guide aids in the anatomic placement of both A/P and M/L screws and allows for syndesmotomic screw fixation



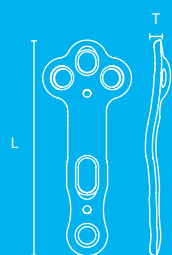
## Forefoot/Midfoot Plating System

The Acumed Forefoot/Midfoot Plating System addresses both acute fractures and reconstruction of the foot, including hallux valgus revision, Lisfranc fracture fixation, and proximal metatarsal osteotomies.

Tarsometatarsal (TMT) Plates	Plate Length	Thickness
5-Hole Locking 1st Tarsometatarsal Plate	50 mm	1.6 mm
4-Hole Locking 1st Tarsometatarsal Plate	48 mm	1.5 mm
4-Hole Locking 2nd & 3rd Tarsometatarsal Plate	45 mm	1.5 mm
8-Hole Locking 1st Tarsometatarsal Plate	84 mm	1.0 mm
7-Hole Locking 1st Tarsometatarsal Plate	82 mm	1.5 mm
7-Hole Locking 2nd & 3rd Tarsometatarsal Plate	79 mm	1.5 mm

Metatarsophalangeal (MTP) Plates	Plate Length	Thickness
Locking Dorsal MTP Fusion Plate 9 Degree, Left, Right	50 mm	1.6 mm
Locking MTP/MPJ Combo Fusion Plate, 9 Degree Left, Right	50 mm	1.6 mm
Locking MTP Revision Fusion Plate, 9 Degree Left, Right	62 mm	1.6 mm
Locking MTP Petite Plate 4 Degree, Left, Right	40 mm	1.3 mm
Locking Dorsal MTP Plate 4 Degree, Left, Right	50 mm	1.6 mm
Locking MPT/MPJ Combo Plate 4 Degree, Left, Right	62 mm	1.6 mm
Locking MTP Revision Plate 4 Degree, Left, Right	62 mm	1.6 mm

Osteotomy Plates	Plate Length	Thickness
Locking Proximal Metatarsal Wedge Plate, Left, Right	32 mm	1.6 mm
Locking Proximal Metatarsal Wedge Plate, 0 Degree, Left, Right	50 mm	1.6 mm



Tarsometatarsal (TMT) Plates



**Locking and Nonlocking Screws**

A choice of 3.0 or 3.5 mm hexalobe screws and 4.0 mm cancellous screws (2.7 and 3.5 mm hex screws optional)

**TMT Plates**

Designed to minimize the need for plate bending in tarsometatarsal fractures, fusions, and osteotomies



**Osteotomy Plates**

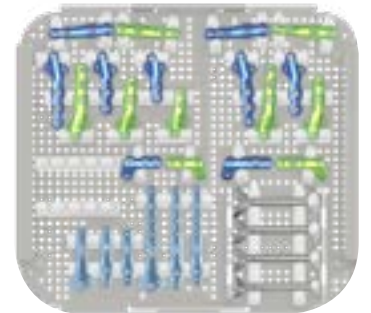
Designed to provide a buttress to postoperative shifting of the distal metatarsal angle, the plates provide compression at the osteotomy site during healing

**MTP Plates**

Compression, revision, and lower profile “wingless” plates provide a variety of options for treating metatarsophalangeal joint fractures, fusions, and osteotomies

**Small Joint Reamers**

A solution for creating congruent bone surfaces prior to fusion procedures with Acumed plates, Acutrak® screws, and other methods of fixation



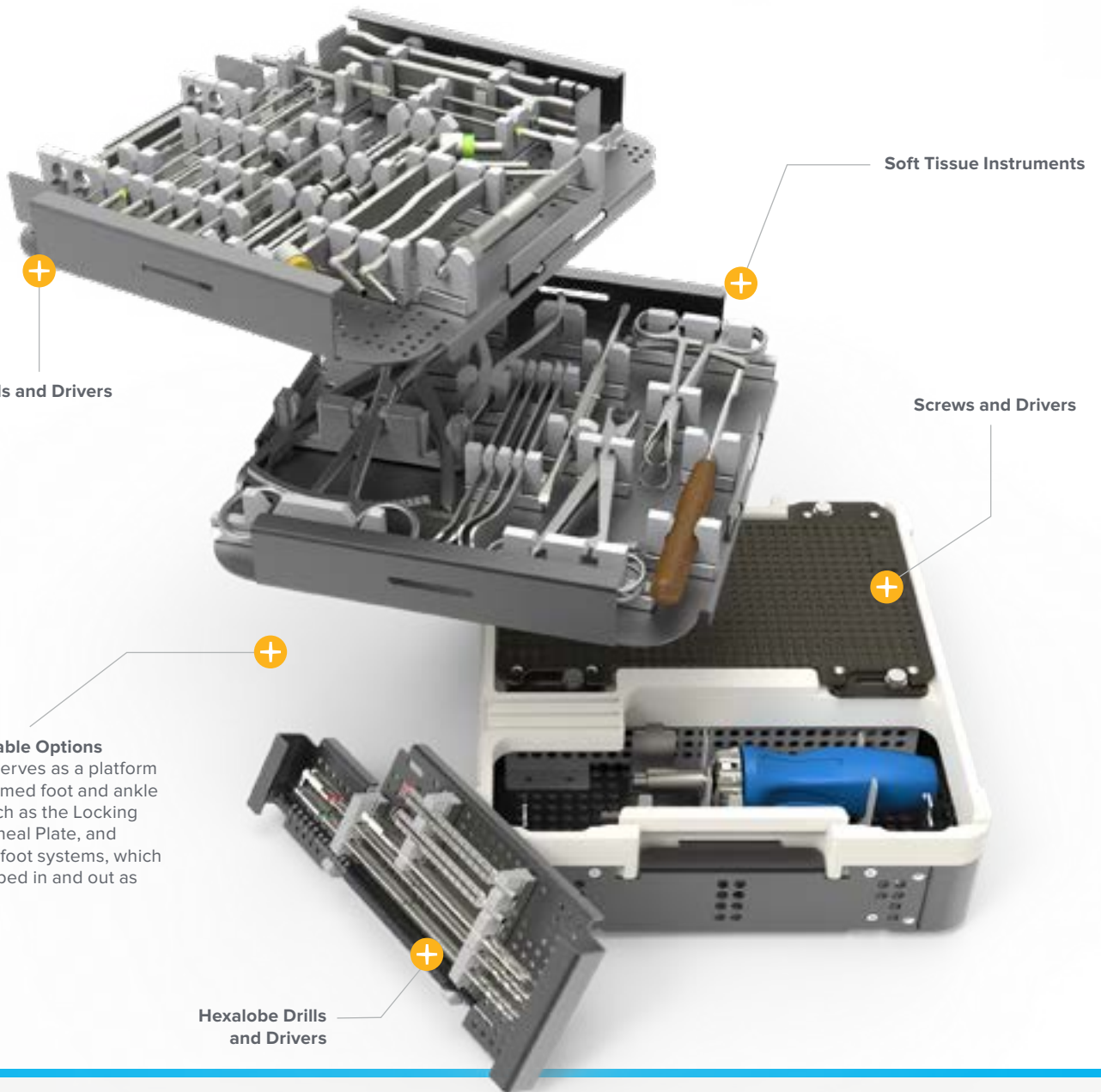
9° Metatarsophalangeal (MTP) Plates



Osteotomy Plates



4° Metatarsophalangeal (MTP) Plates



**Interchangeable Options**

The system serves as a platform for other Acumed foot and ankle products, such as the Locking Ankle, Calcaneal Plate, and Forefoot/Midfoot systems, which can be swapped in and out as needed



4.0 mm Cancellous Screw



3.5 mm Nonlocking Hexalobe Screw



3.0 mm Nonlocking Hexalobe Screw



3.5 mm Locking Hexalobe Screw

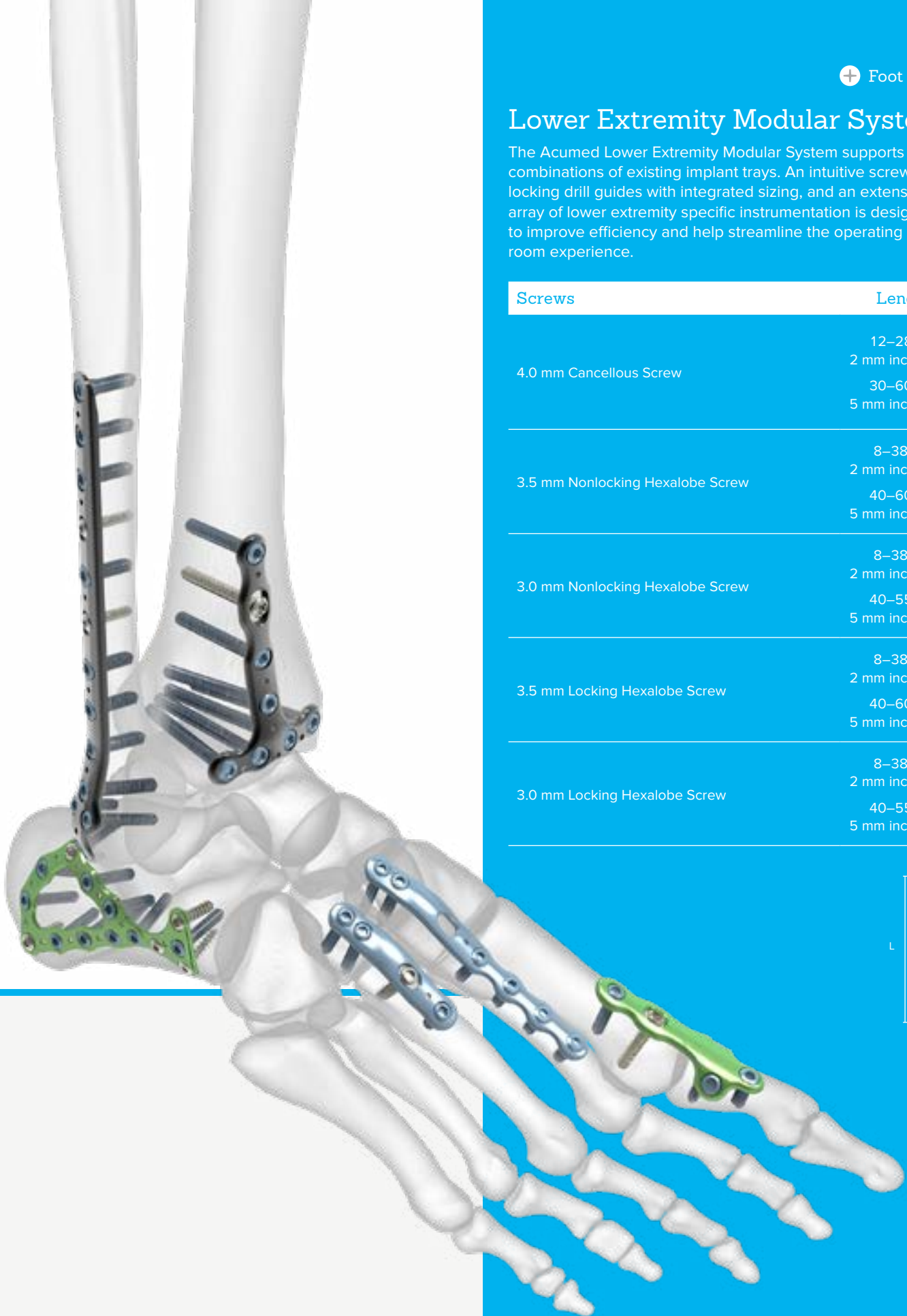
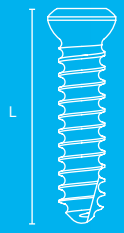


3.0 mm Locking Hexalobe Screw

## Lower Extremity Modular System

The Acumed Lower Extremity Modular System supports multiple combinations of existing implant trays. An intuitive screw caddy, locking drill guides with integrated trays, and an extensive array of lower extremity specific instrumentation is designed to improve efficiency and help streamline the operating room experience.

Screws	Length
4.0 mm Cancellous Screw	12–28 mm
	2 mm increments
	30–60 mm 5 mm increments
3.5 mm Nonlocking Hexalobe Screw	8–38 mm
	2 mm increments
	40–60 mm 5 mm increments
3.0 mm Nonlocking Hexalobe Screw	8–38 mm
	2 mm increments
	40–55 mm 5 mm increments
3.5 mm Locking Hexalobe Screw	8–38 mm
	2 mm increments
	40–60 mm 5 mm increments
3.0 mm Locking Hexalobe Screw	8–38 mm
	2 mm increments
	40–55 mm 5 mm increments



## Small Joint Reamer System

The Acumed Small Joint Reamer System can be used in both the upper and lower extremities. The reamers are designed to create stable, congruent bone surfaces in the MTP, MCP, IP, and DIP joints prior to fusion procedures with Acumed plates, Acutrak 2® screws, or other methods of fixation.

Small Joint Reamers	Diameter
Concave Reamer	10 mm
Concave Reamer	12 mm
Concave Reamer	14 mm
Concave Reamer	16 mm
Concave Reamer	20 mm
Concave Reamer	24 mm
Convex Reamer	10 mm
Convex Reamer	12 mm
Convex Reamer	14 mm
Convex Reamer	16 mm
Convex Reamer	20 mm
Convex Reamer	24 mm



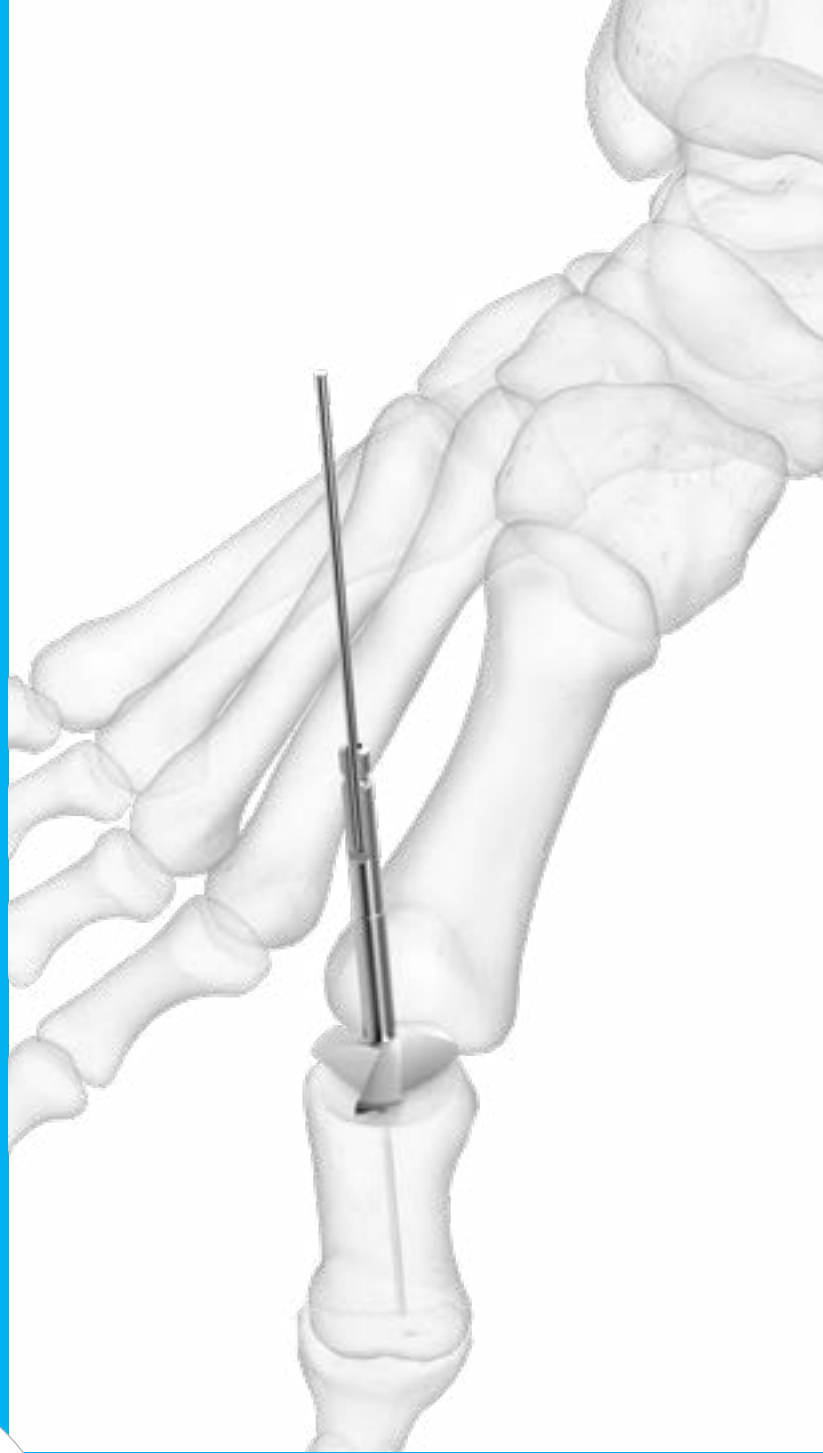
### Potential Upper Extremity Application

Fit phalanges together in desired flexion and fix with an MCP plate from the Acumed Modular Hand System or with an Acutrak 2 screw for DIP fusions



### Potential Lower Extremity Application

Create desired fit for MTP fusions when paired with the MTP plates found in the Acumed Locking Forefoot/Midfoot Plating System

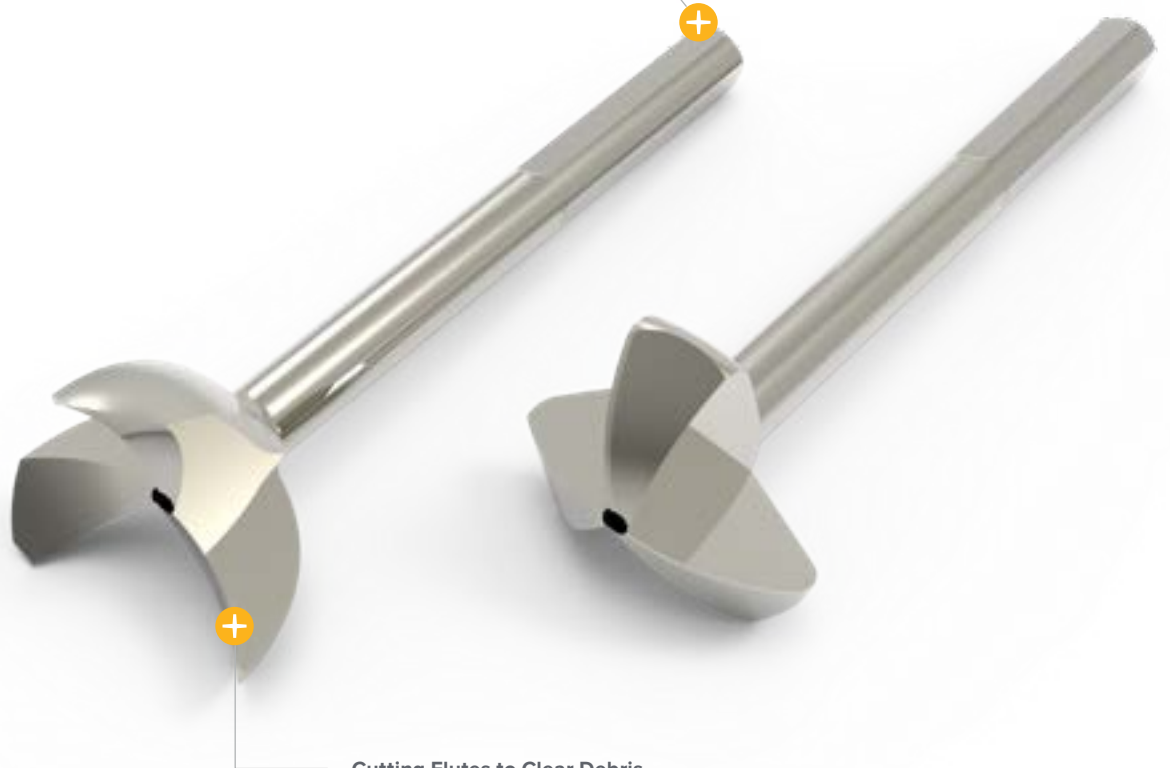


### Specialized Instrumentation

System includes Reamer Gauges to assist in determining sizing prior to reaming the bone surface



**Cannulated Body**  
Cannulation accepts a  
.059" guide wire to facilitate  
reaming of bone surface



**Cutting Flutes to Clear Debris**  
Innovative cutting flutes are designed  
to clear bone debris during use

Reamers are available in 10 mm, 12 mm, 14 mm, and 16 mm sizes for the fingers and thumb and 20 mm and 24 mm sizes for the great toe



Concave Reamers

Convex Reamers





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