



A.L.P.S. mvX™ Hand System



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Meticulously Designed | Versatility Unmached | Expansive Offering



The A.L.P.S. mvX Hand System is the first of its kind to offer seamless integration of hand plating paired with intramedullary metacarpal nailing all packaged to streamline treatment of hand fractures and fusions.



Meticulously Designed

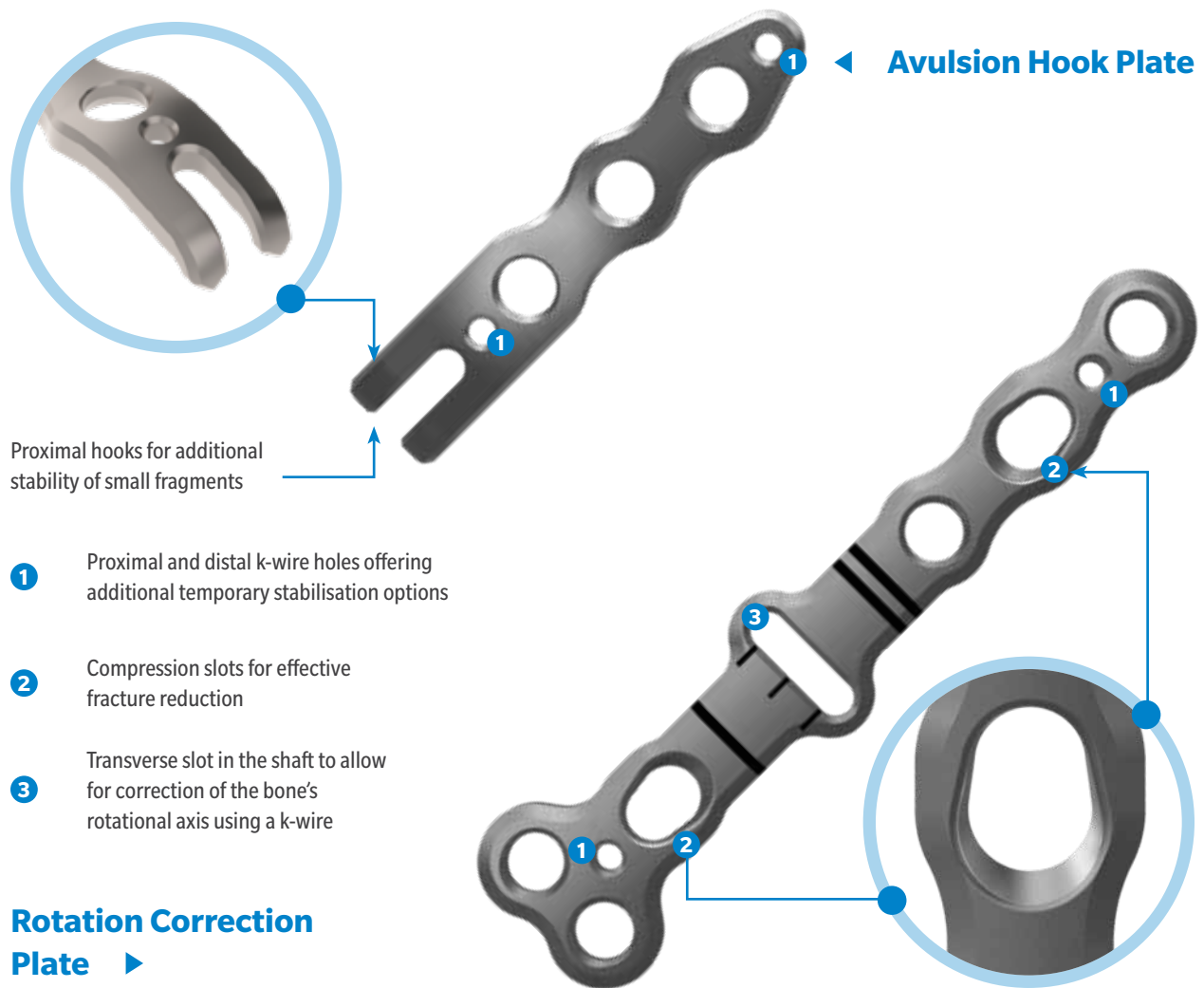
Our A.L.P.S. mvX Hand System was designed in collaboration with solution-based surgeons who identified clinical problems and engineered a comprehensive platform intended to address the highly versatile needs of countless anatomic variations and fracture patterns designed to deliver a solution for each individual patient, every time.

▶ Standard and specialty plates designed to provide **anatomic solutions**.

Low-profile plates with 1.3 mm thickness across all plate families aims to **minimise plate prominence and soft tissue irritation**.

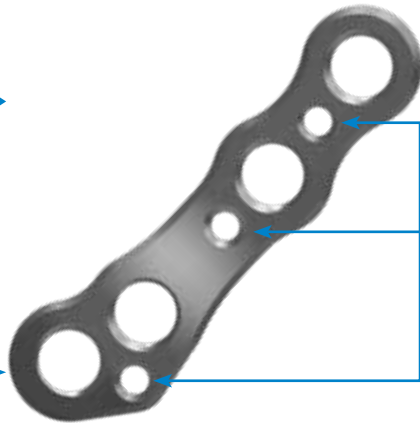
▶ Simple, intuitive instrumentation designed for **efficiency and ease of use** in the operating room.

▶ Driver/screw interface designed for **secure screw capture and retention**.



Meticulously Designed

Condylar Plate ▶

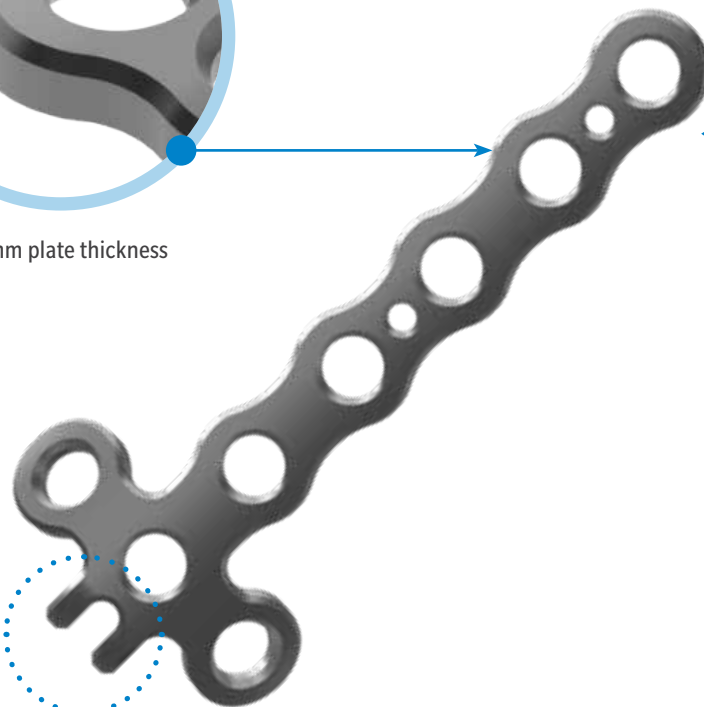


Multiple k-wire holes with compatibility for both k-wires and plate tacks



1.3 mm plate thickness

◀ Bennett/Rolando Plate



Tines on the proximal end for 2 - and 3-part fractures at the base of the first metacarpal

Meticulously Designed

Simple, intuitive instrumentation

This streamlined fracture fixation and fusion system utilises intuitive instrumentation designed to maximise efficiencies and simplify surgical workflow.

- ▶ One driver is used for the screws in each plate module (T4 for 1.3 mm, T6 for 1.5/2.0 mm, and T8 for 2.4 mm).
- ▶ Plate cutters designed for a rounded cut to reduce the potential for soft tissue irritation.
- ▶ IM Nail Depth Gauge is used as a template to size the IM Nail before insertion.
- ▶ IM Fracture Reduction Guide to assist with metacarpal fracture reduction over a k-wire in preparation for IM Nail insertion.
- ▶ K-wires and plate tacks provide more options for temporary fixation.
- ▶ All plates, screws, and instruments are contained in one two-level tray.



Meticulously Designed

Plate Cutting Pliers ▶

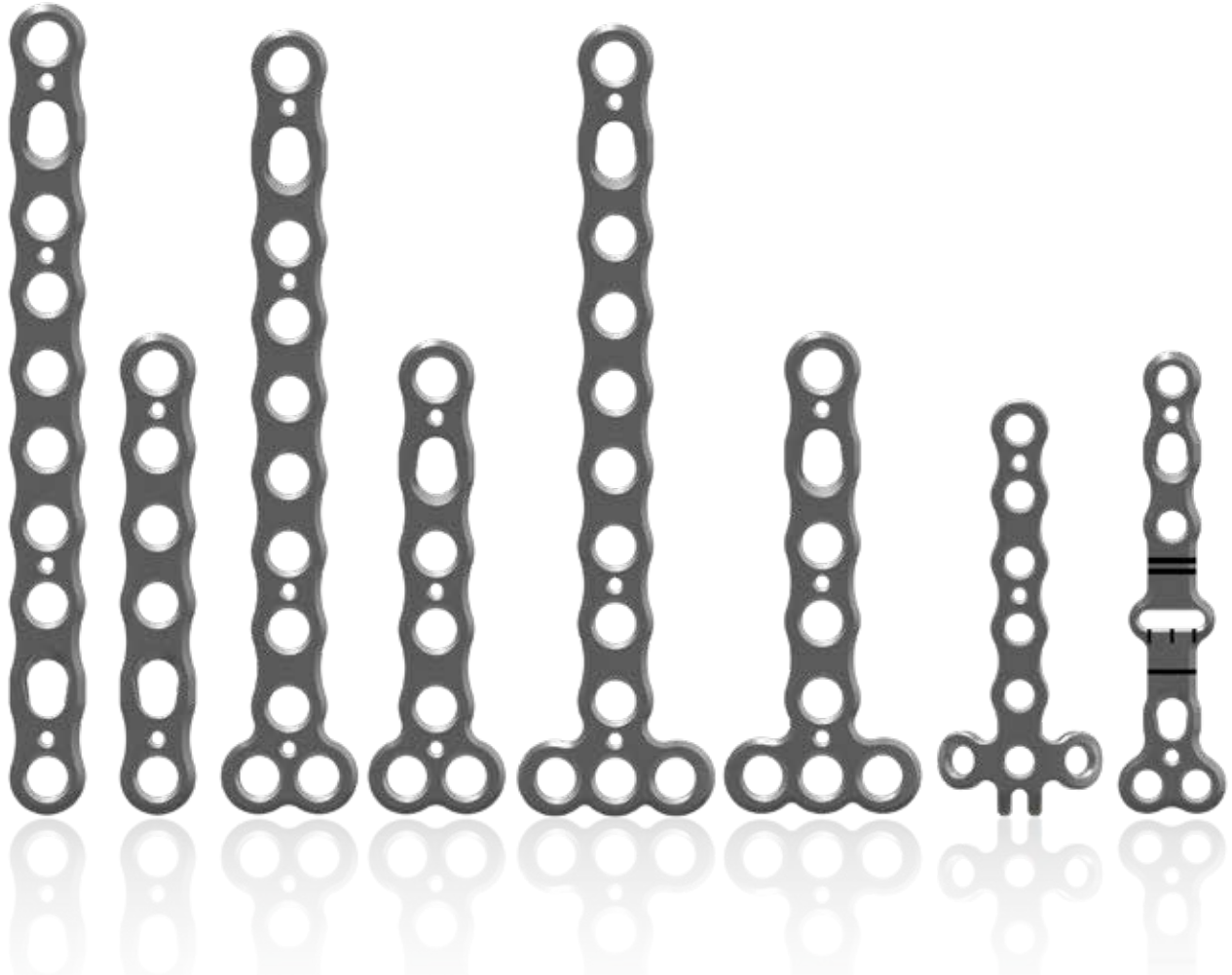
The plate cutters are designed to provide a rounded cut.



◀ IM Nail Depth Gauge

The depth gauge is used to determine both length and diameter of the IM Nail.

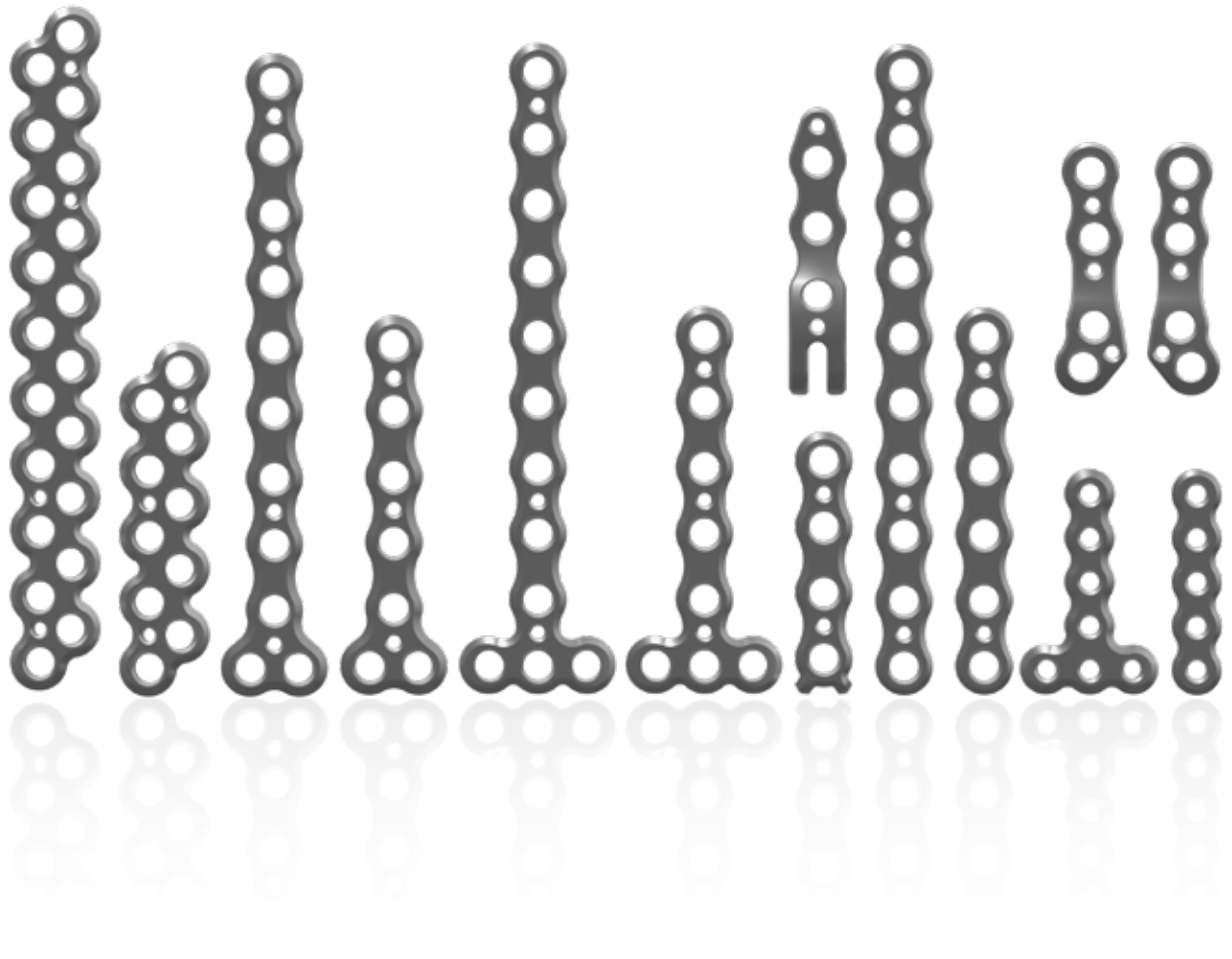
Versatility Unmatched



The A.L.P.S. mvX Hand System offers flexibility for surgeons in treating metacarpal fractures with an expansive breadth of treatment solutions.

- ▶ Cohesive integration of hand plating with intramedullary metacarpal nailing in one system.
- ▶ Innovative design allows 1.5 and 2.0 mm screws to be used in the same plate for more versatility.
- ▶ Seamless transition between mvX Hand and mvX Mini Fragment systems.
- ▶ K-wires can be used to measure off of the depth gauge for intramedullary nail length determination.

Versatility Unmatched



eXpansive Offering

This comprehensive system offers a broad range of plates and intramedullary nails providing an expansive offering of treatment solutions paired with the flexibility to treat each fracture as effectively as possible.

- ▶ Locking and non-locking screw families designed to offer streamlined compatibility across A.L.P.S. mvX systems.
 - ▶ 3 families of plates – available in 1.3, 1.5/2.0, and 2.4 mm – to meet a wide variety of patient needs.
 - ▶ 4 families of intramedullary nails - available in 3.0, 3.5, 4.0, and 4.5 mm - for a complete system designed to meet the evolving needs of metacarpal fracture fixation.
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Plate Families

1.3 mm Family

Straight Plate

Offered in a 5-hole plate

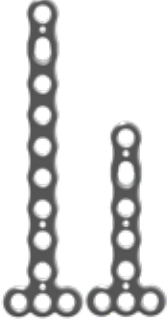


T- Plate

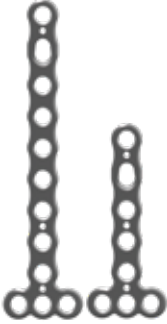
Offered in a 4-hole plate



1.5/2.0 mm Family

Straight Plate Offered in 6 and 10-hole plates 	3 Hole T-Plate Offered in 5 and 9-hole plates 	Narrow Y-Plate Offered in 5 and 9 hole plates 
Straight Tine Plate Offered in a 4-hole plate 	Avulsion Hook Plate 	Bennett/Rolando Plate 
Condylar Plate Offered in left and right plates 	Rotation Correction Plate 	Offset Plate 

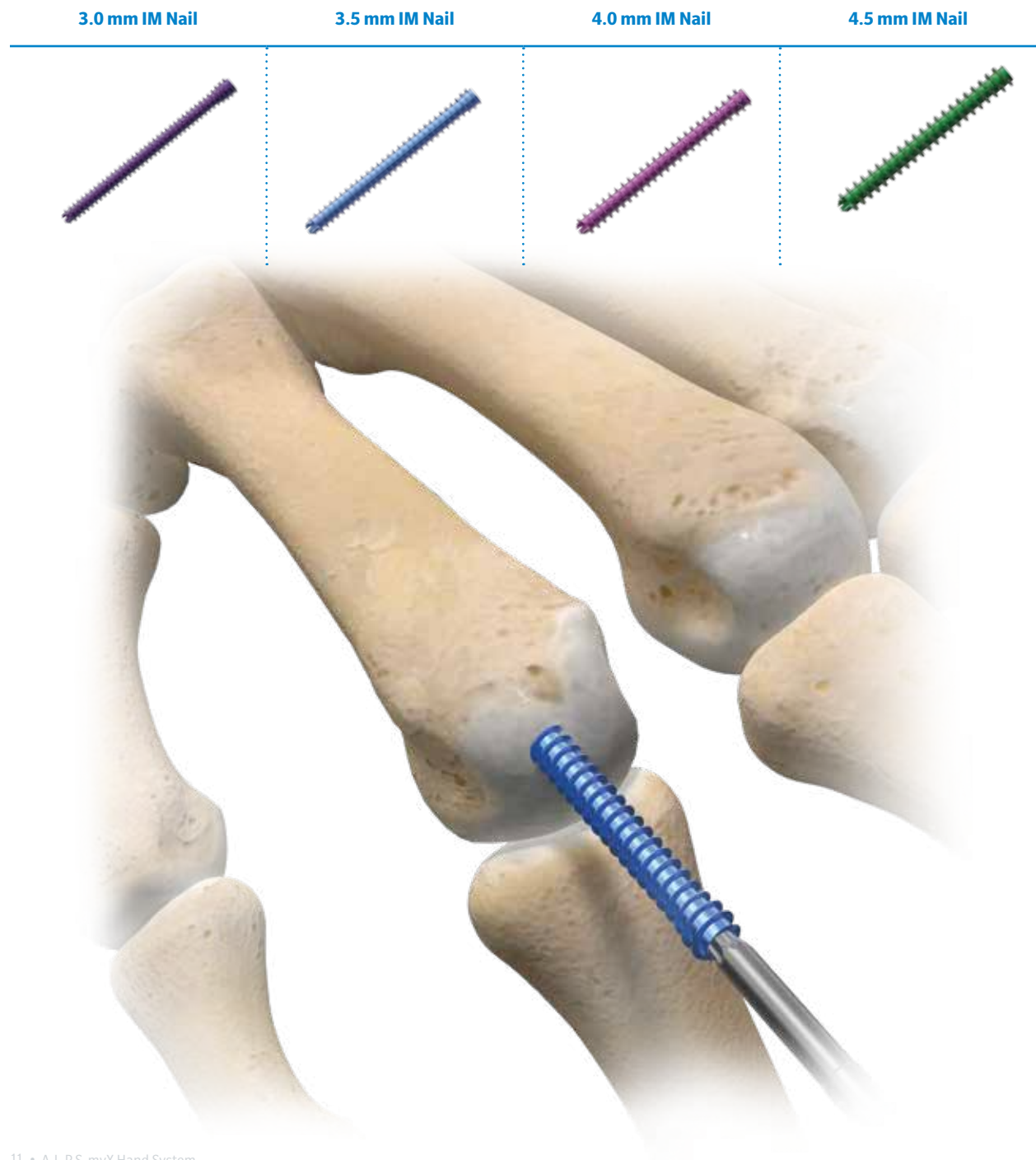
2.4 mm Family

Straight Plate Offered in 6 and 10-hole plates 	T-Plate Offered in 5 and 9-hole plate 	Narrow Y Plate Offered in 5 and 9-hole plate 
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Nail Offerings

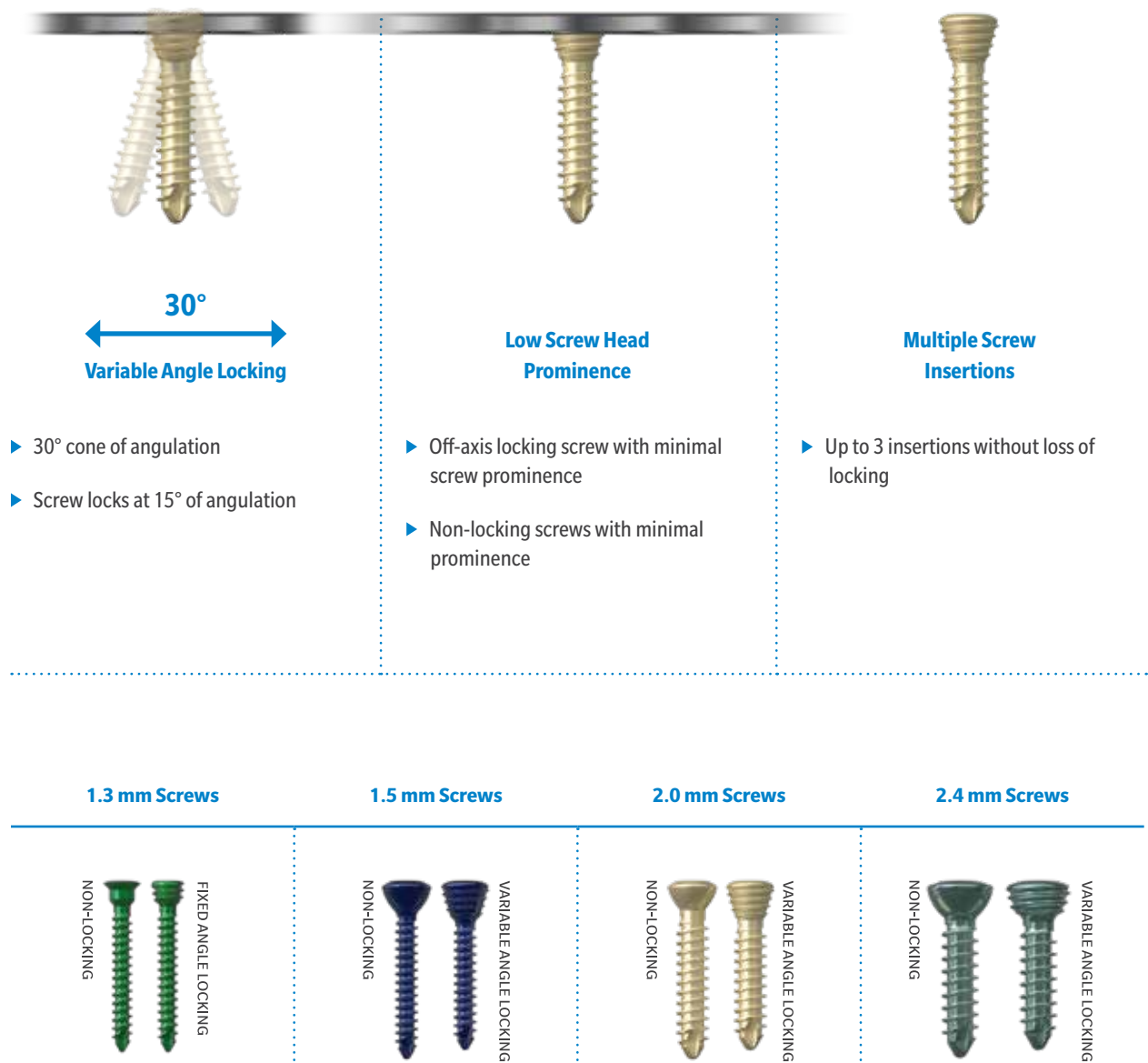
The only Hand system with integrated intramedullary nails

All nails are offered in 5 mm length increments from 40-60 mm and 10 mm length increments from 60-70 mm

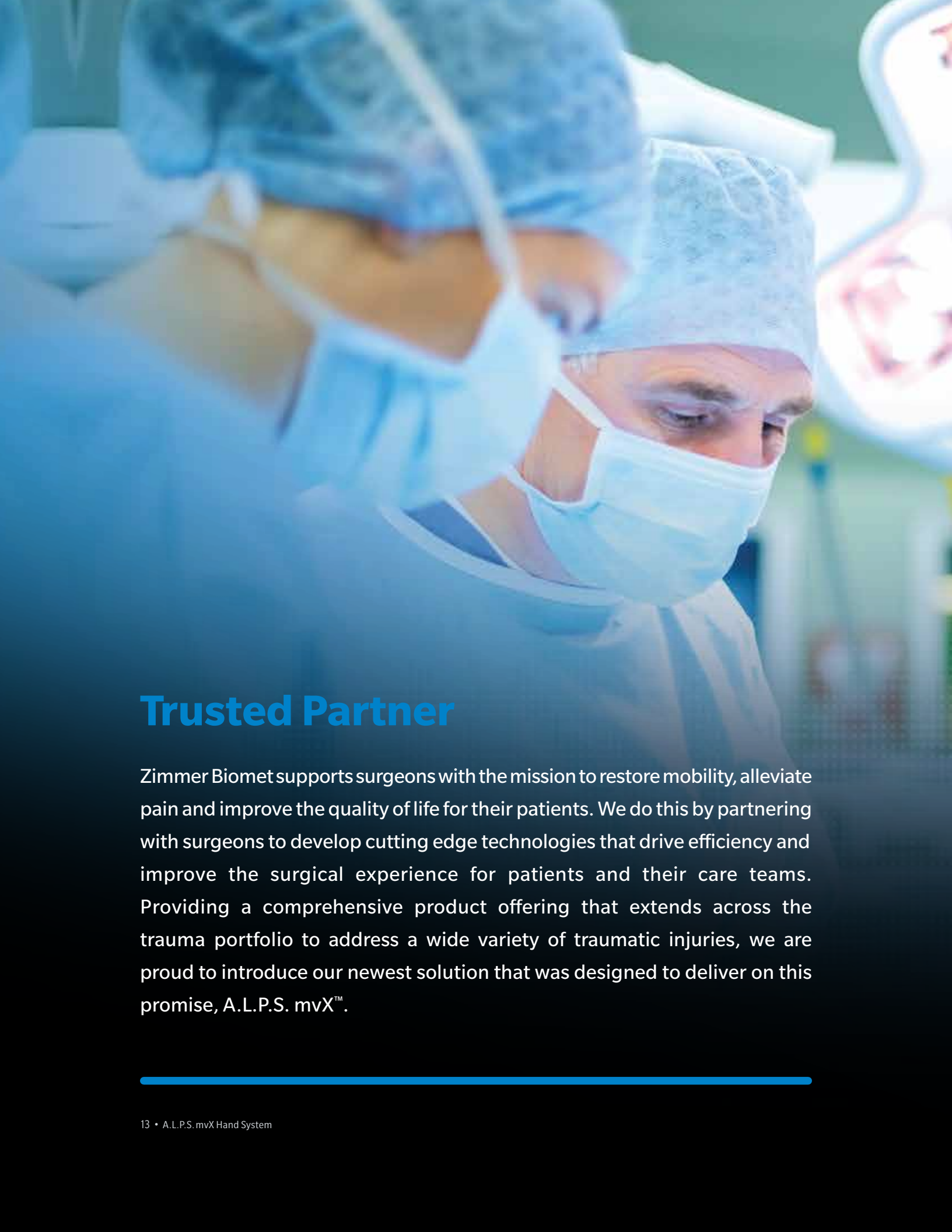


Screw Options

The A.L.P.S. mvX Hand System utilises low-profile non-locking screws along with variable angle locking screws. The variable angle locking screws, which are available in 1.5, 2.0, and 2.4 mm, provide a 30° cone of angulation created to achieve optimal screw placement while minimising soft tissue irritation. The locking screws are designed to withstand up to three insertions without damaging the integrity of the locking mechanism, giving surgeons peace of mind and intraoperative adaptability¹.



- 1.3 mm screws are offered in 6-16 mm lengths. 1.5, 2.0, and 2.4 mm screws are offered in 6-24 mm lengths.

A close-up photograph of two surgeons in an operating room. They are wearing blue surgical gowns, blue bouffant caps, and white surgical masks. The surgeon in the foreground is looking down, focused on the procedure. The background is slightly blurred, showing the sterile environment of the OR.

Trusted Partner

Zimmer Biomet supports surgeons with the mission to restore mobility, alleviate pain and improve the quality of life for their patients. We do this by partnering with surgeons to develop cutting edge technologies that drive efficiency and improve the surgical experience for patients and their care teams. Providing a comprehensive product offering that extends across the trauma portfolio to address a wide variety of traumatic injuries, we are proud to introduce our newest solution that was designed to deliver on this promise, A.L.P.S. mvX™.



**Experience redefined versatility
and efficiency**

Contact your local Zimmer Biomet
representative and learn how we can
become **your trusted partner.**



ZIMMER BIOMET
Moving You Forward.™

Reference:

1. TR-202360-A X25-05 ZB Plate Locking Mechanism Testing Report approved

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Manufacturer

Tyber Medical LLC
83 South Commerce Way, Ste. 310
Bethlehem, PA 18017
Phone: (866) 761-0933
Fax: (866) 889-9914
tybermedical.com



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