

**EXTREMITY**<sup>®</sup>  
MEDICAL



**XRING**<sup>™</sup>  
FIXATOR



## Versatile Precision for Complex Reconstruction

XRing is a versatile circular external fixation system developed for both traditional and contemporary reconstruction methods. At its core, the system features intuitive, primary components designed for a broad range of complex reconstruction applications, supporting both static and dynamic frame configurations.

Modern advancements facilitate stable anatomic frame construction, enhanced component versatility, and improved overall surgical efficiency.





# Struts Engineered for Strength and Precision

The XRing strut family includes Linear, Polyaxial Utility, and Universal Hexapod strut options—each engineered for strength, stability, and precise control.

Linear Struts provide rigid, dependable compression and distraction; Polyaxial Utility Struts add ball-joint flexibility for working around crowded frames and performing acute reductions; and Universal Hexapod Struts support multiplanar correction.

All strut types share a robust M8 internal threaded core for enhanced stiffness, along with quick-release features and fine-adjustment capability—delivering consistent strength and smooth, predictable performance across static and dynamic constructs.



Linear                      Hexapod                      Polyaxial  
Utility

- Shared design features:
- M8 Internal threaded rod diameter for enhanced stiffness and stability
  - Quick release mechanisms for rapid telescopic length adjustment
  - 1/4mm gradual adjustment rate with visual and tactile adjustment confirmation
  - Overlapping size range to accommodate various indications and construct configuration

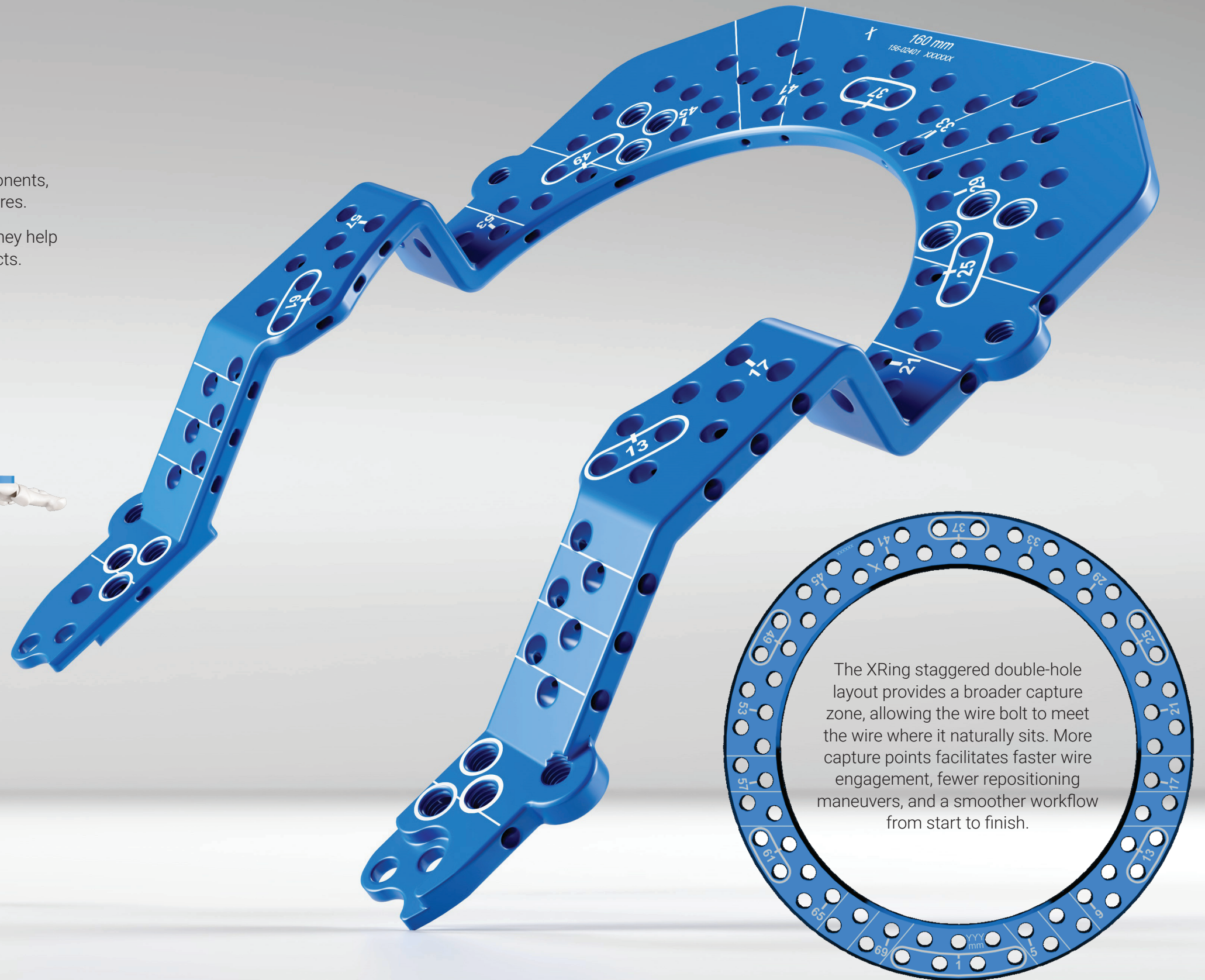
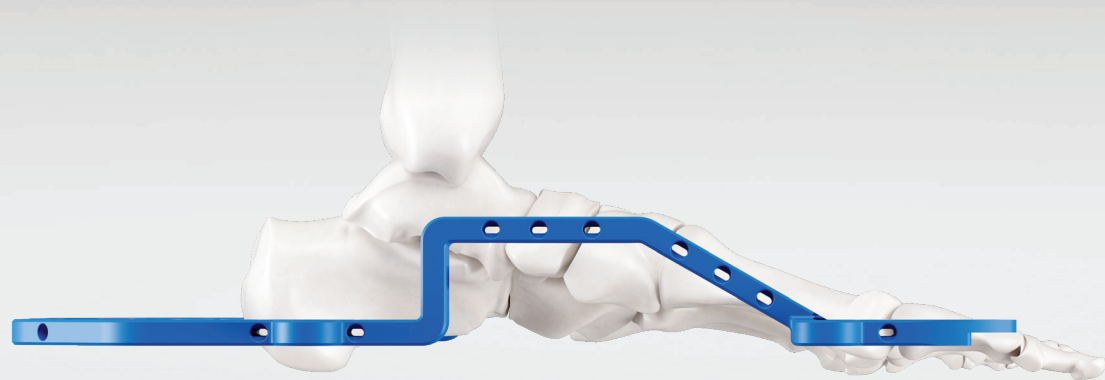


# Anatomically Optimized Ring Geometry

XRing Anatomic Foot Rings follow the natural contours of the foot, creating a closer, more intuitive interface for wire placement.

Their contoured shape facilitates more direct attachment of fixation components, reducing reliance on long-offset posts and hardware stacking to capture wires.

Combined with SpeedWire™ integration and versatile mounting locations, they help surgeons build stronger, cleaner, and more efficient foot and ankle constructs.





# SpeedWire™ Technology

SpeedWire is a single-side wire fixation mechanism integrated directly into the XRing.

With traditional wire mounting, each transosseous wire must be secured with a nut-and-wire bolt assembly on each side of the ring. This may crowd components, increase build time, and requires multiple wrenching steps during the case.

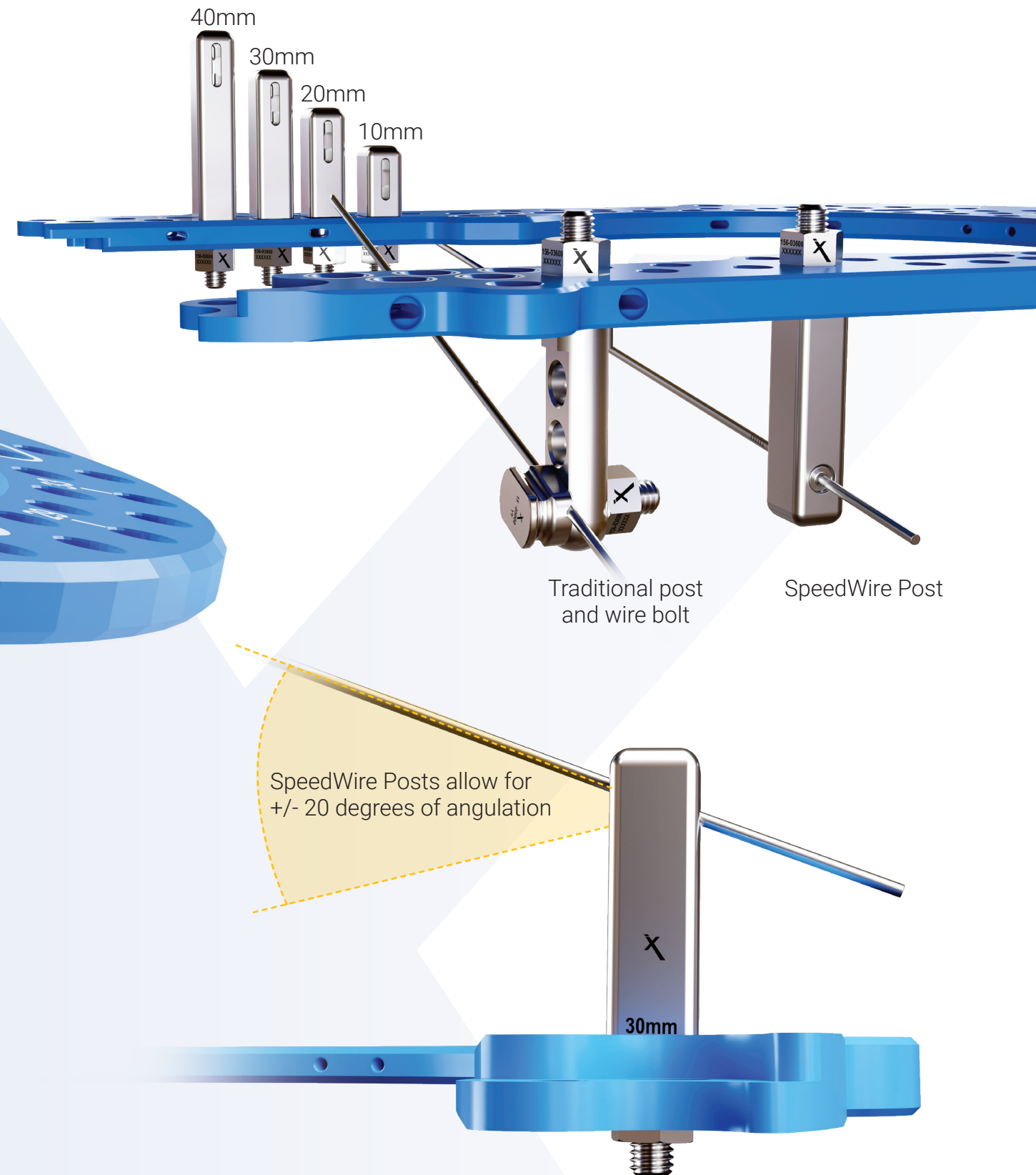


SpeedWire replaces this bilateral fixation with a one-sided, built-in wire capture interface.

SpeedWires pass directly through a precision-machined channel in the ring and are anchored using a single wire bolt on one side only. The SpeedWire olive stopper is captured within the ring channel, which acts as an internal stop or "seat" for the wire.

In essence: SpeedWire turns the ring itself into half of the fixation mechanism. The single-side design still allows for standard tensioning protocols, but there's no second bolt, no second nut, and no need to manage hardware on both sides of the ring.

SpeedWire Posts extend the SpeedWire concept beyond the ring itself, providing a streamlined fixation option anywhere a traditional wire post would normally be used.

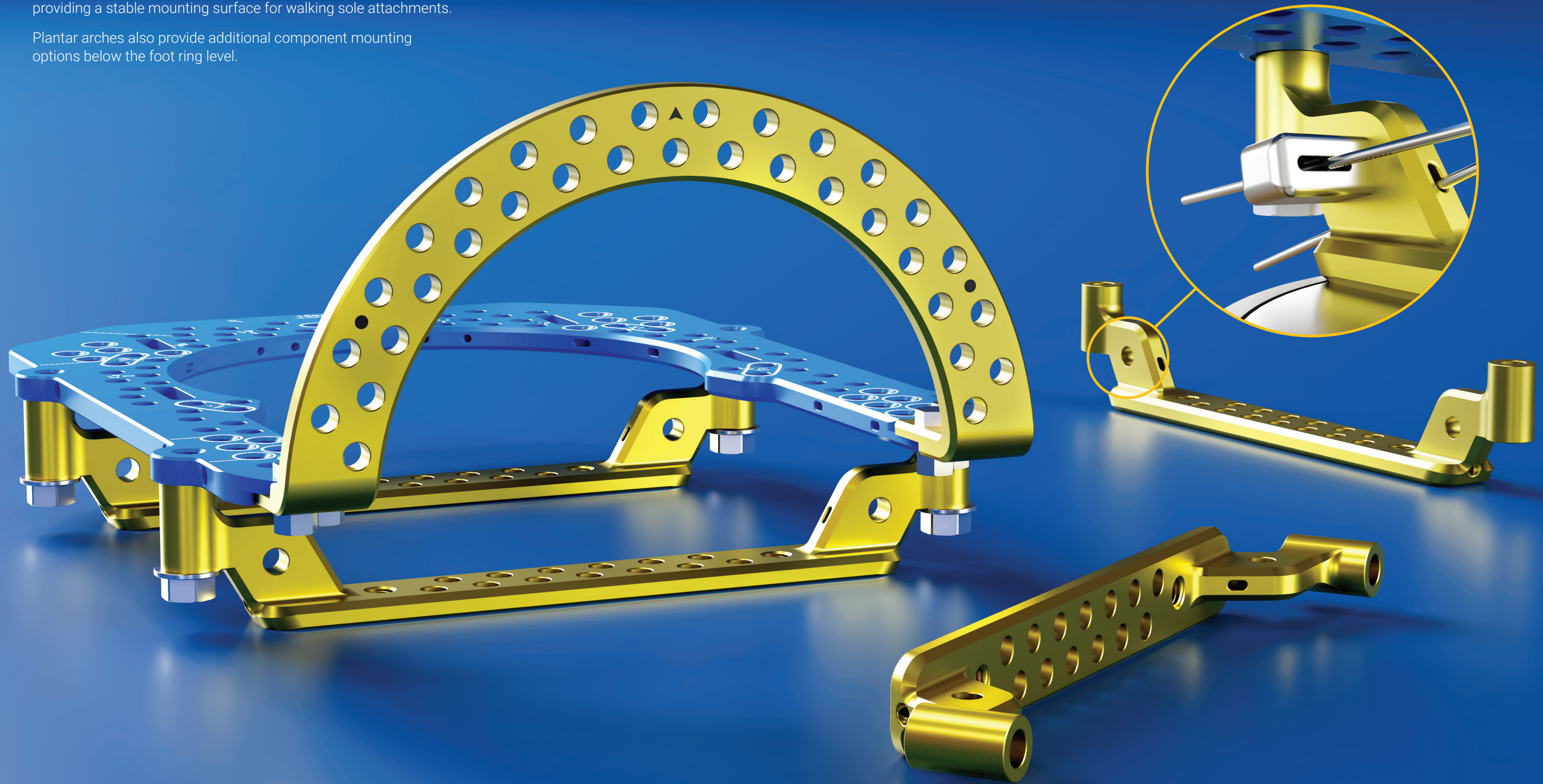




# Plantar Arches

Plantar arches are designed to further enhance frame rigidity while providing a stable mounting surface for walking sole attachments.

Plantar arches also provide additional component mounting options below the foot ring level.





# Confident Ground Contact

XRing walking accessories are built for durability and dependable performance during prolonged frame wear.

The Walking Sole and Walking Rails attach directly to foot rings or Plantar Arches, creating a stable, slip-resistant platform designed to support larger patients. Adjustable spacers accommodate underlying fixation components, helping maintain balance and mobility throughout recovery.







Real change *starts* here™

**Extremity Medical**

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