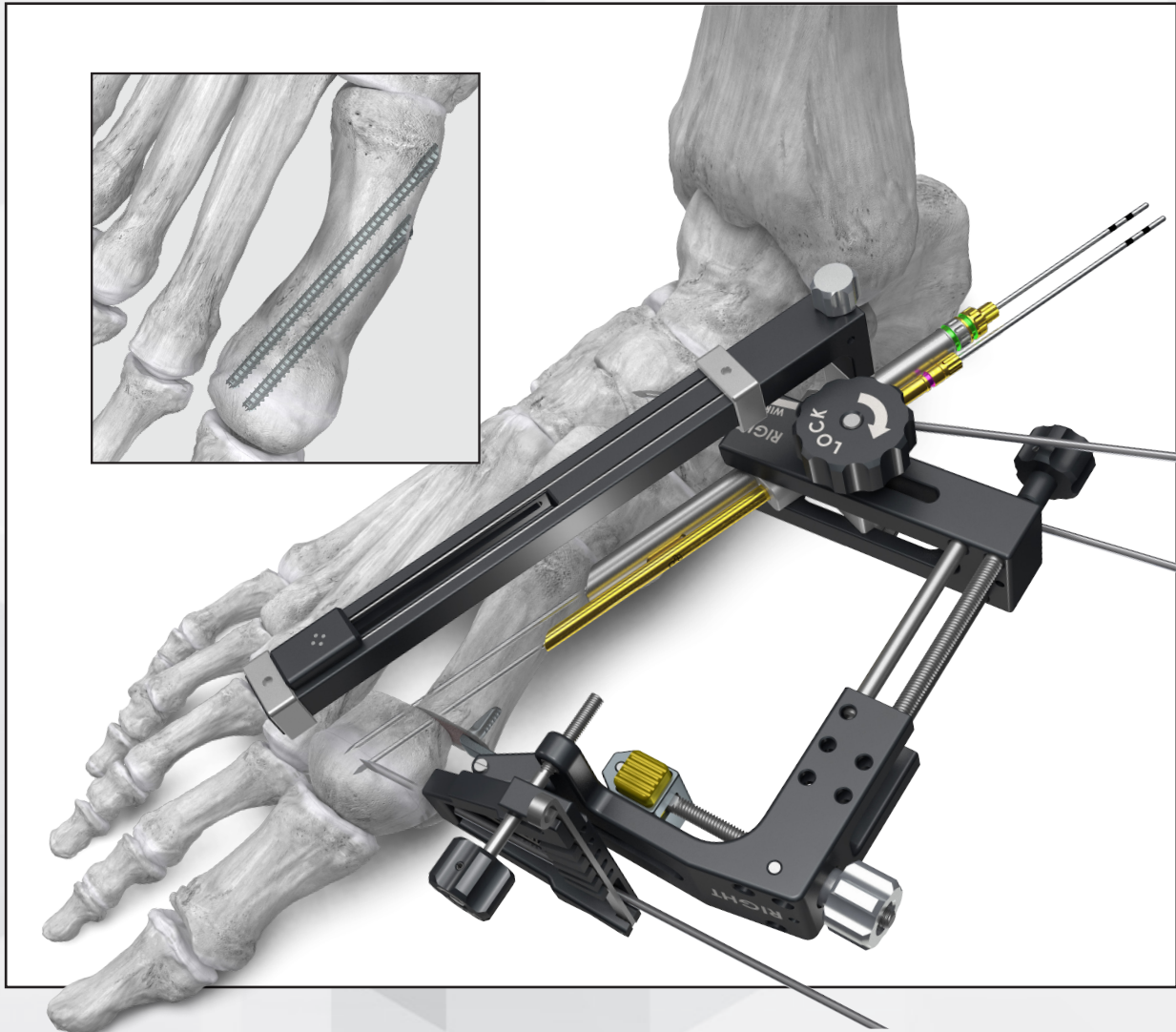


PRECISION[®] MIS BUNION SYSTEM

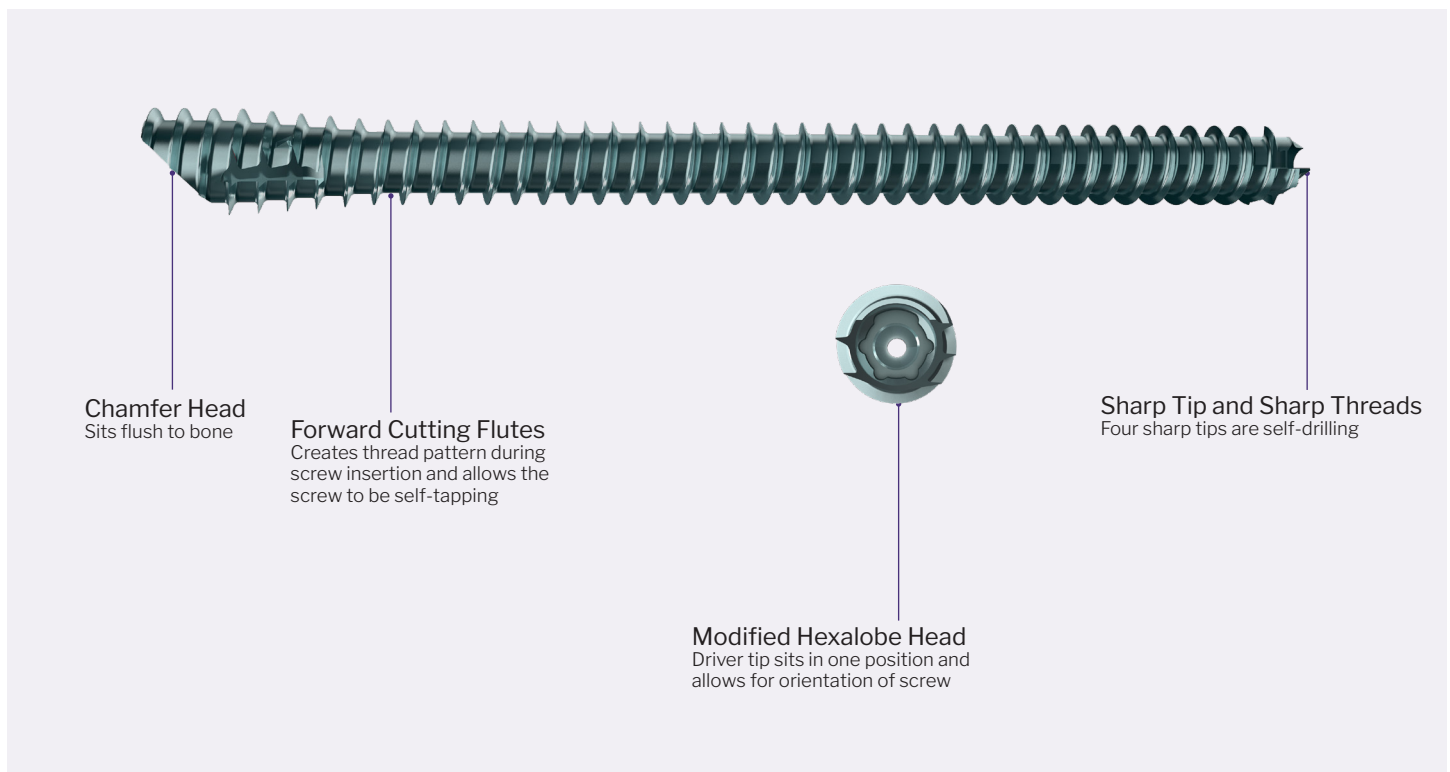
Precision[®] MIS Bunion System






DESIGN RATIONALE

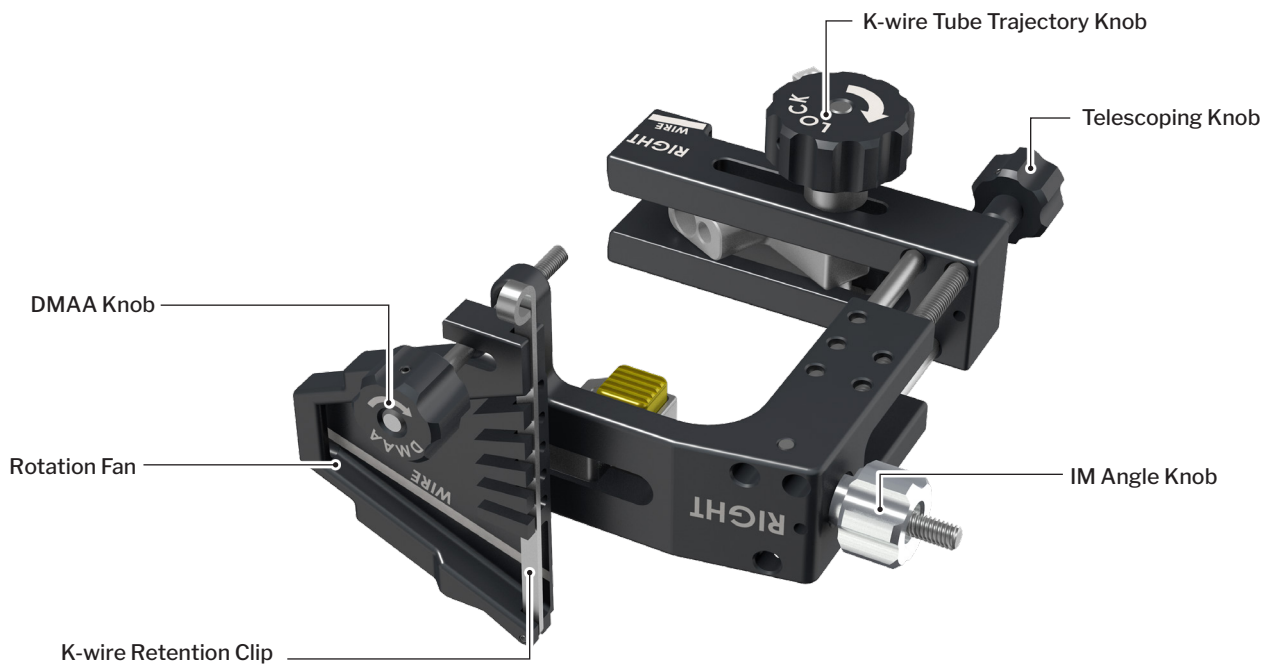
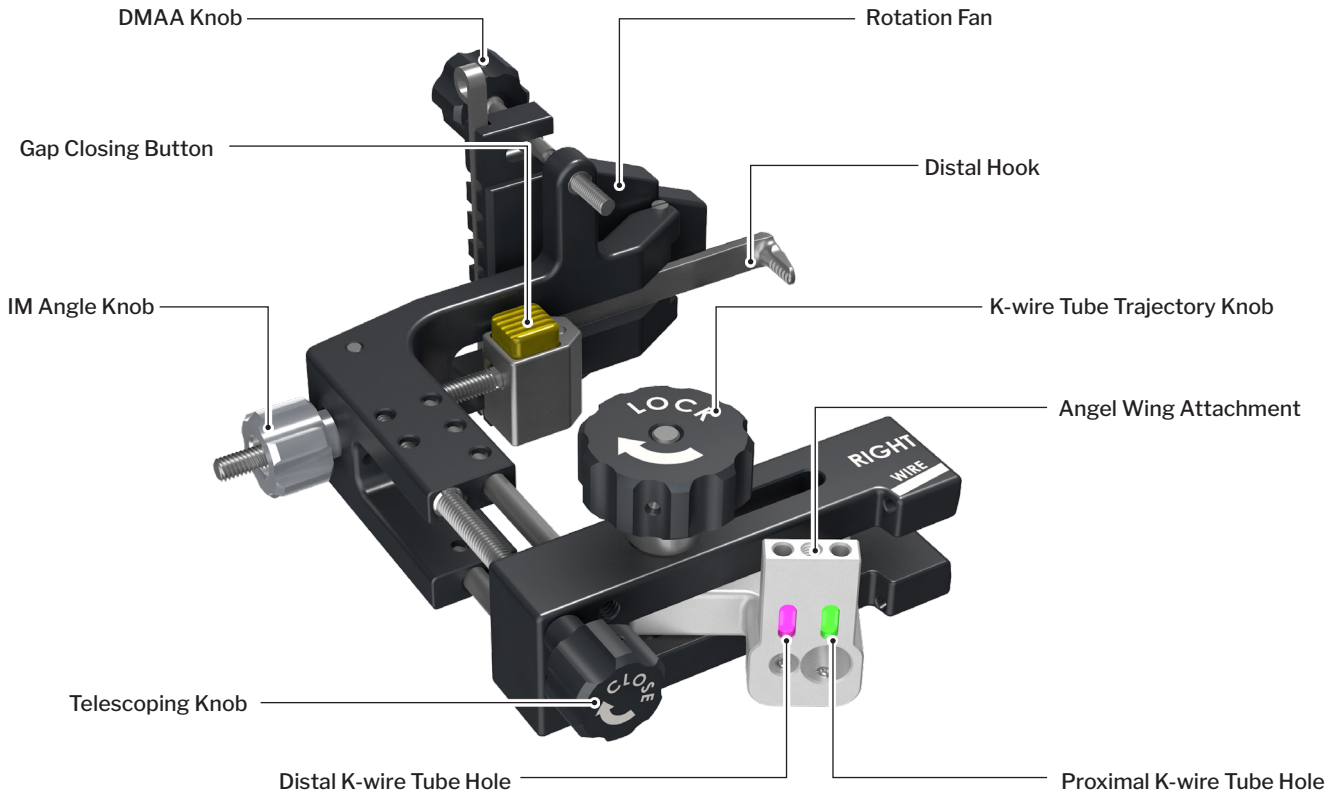
- ▶ Wide array of screw diameters and lengths to accommodate a variety of patient anatomies
- ▶ Precision[™] Outrigger designed to accomplish triplanar correction of hallux valgus
- ▶ Large guide wire diameters for placement of screws with reduced chance of skiving
- ▶ Angel wing trajectory guide to trial placement of cannulated screws
- ▶ Robust offering of instruments for Precision[™] guided or free-hand technique

IMPLANT OFFERINGS



	Ø3.0 mm Chamfer Screws	Ø3.5 mm Chamfer Screws	Ø4.0 mm Chamfer Screws
			
Screw Lengths:	Available lengths: 12 mm–48 mm in 2 mm increments	Available lengths: 12 mm–70 mm in 2 mm increments	Available lengths: 16 mm–70 mm in 2 mm increments

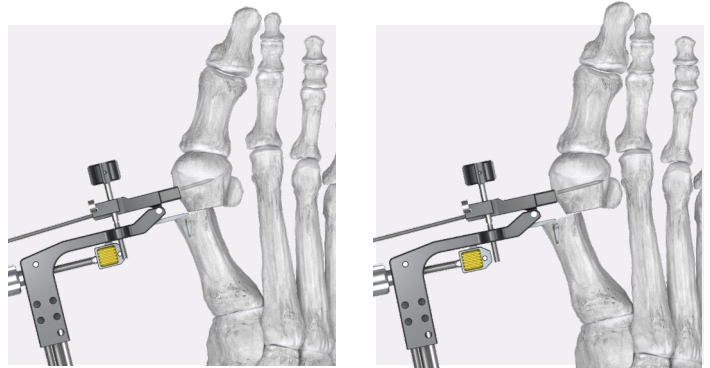
OUTRIGGER FEATURES



OUTRIGGER FEATURES

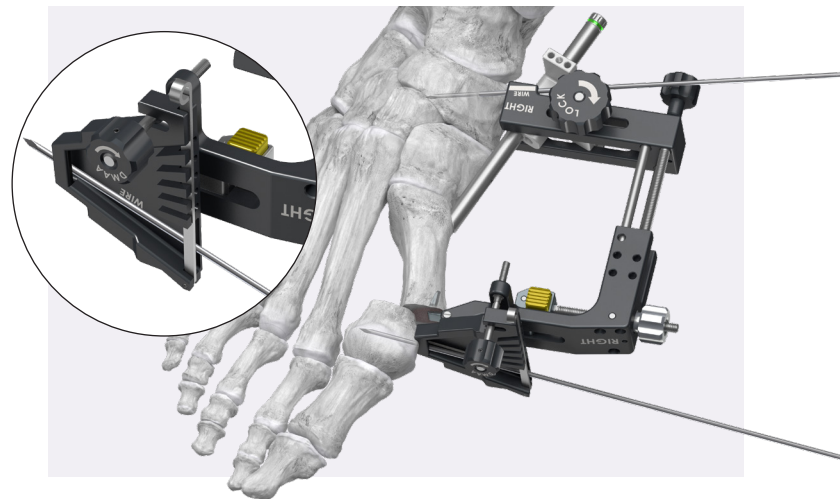
Distal Metatarsal Head Translation

- ▶ Designed to translate the distal metatarsal fragment up to 100%



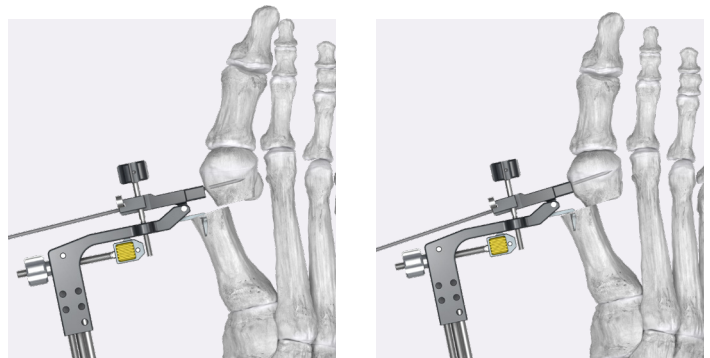
Metatarsal Head Derotation

- ▶ Derotate the metatarsal head up to 48°



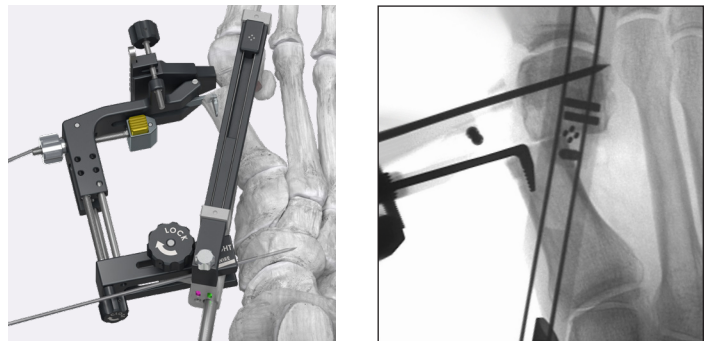
Distal Metatarsal Articular Angle Correction

- ▶ Introduce up to 25° of DMAA adjustment



Angel Wing Guide Wire Trajectory Trial

- ▶ Visualize screw entry point, trajectory, and position in metatarsal head



FEATURED INSTRUMENTATION



Ø2.0 mm K-wires



Screw K-wires
(Available in Ø1.2 mm, Ø1.6 mm, and Ø1.7 mm sizes for Ø3.0 mm Ø3.5 mm and Ø4.0 mm screws, respectively)



Reduction wire



Depth Gauge



Short Drill
(Available in Ø2.4 mm, Ø2.7 mm, and Ø3.0 mm sizes for Ø3.0 mm Ø3.5 mm and Ø4.0 mm screws, respectively)



Long Drill
(Available in Ø2.4 mm, Ø2.7 mm, and Ø3.0 mm sizes for Ø3.0 mm Ø3.5 mm and Ø4.0 mm screws, respectively)



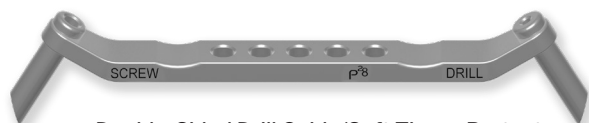
Countersink
(Available in Ø3.0 mm Ø3.5 mm and Ø4.0 mm sizes)



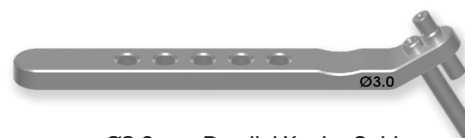
Long Cannulated Driver
(Available in Ø3.0 mm Ø3.5 mm and Ø4.0 mm sizes)



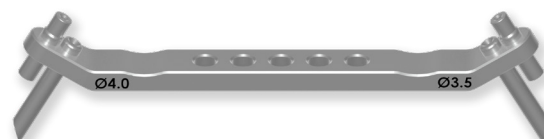
Short Cannulated Driver
(Available in Ø3.0 mm Ø3.5 mm and Ø4.0 mm sizes)



Double-Sided Drill Guide/Soft Tissue Protector
(Available in Ø3.0 mm Ø3.5 mm and Ø4.0 mm sizes)



Ø3.0 mm Parallel K-wire Guide



Ø3.5 mm and Ø4.0 mm Parallel K-wire Guide



Curved Elevator



Straight Elevator

* 3.5 mm sizes shown



K-wire Tubes*
(Available in Ø3.0 mm, Ø3.5 mm and Ø4.0 mm sizes)



Proximal Screw Drill Guide Tubes*
(Available in Ø3.0 mm, Ø3.5 mm and Ø4.0 mm sizes)



Distal Screw Drill Guide Tubes*
(Available in Ø3.0 mm, Ø3.5 mm and Ø4.0 mm sizes)



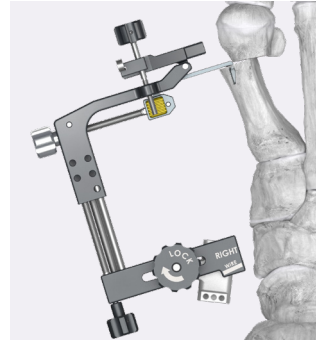
Proximal Screw Tissue Protector Tube
(Used for all screw sizes)

TECHNIQUE SUMMARY



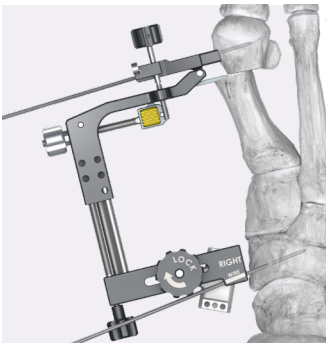
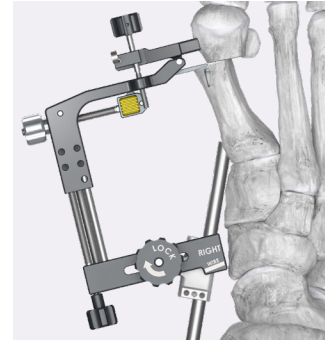
Incision & Osteotomy

Make incision and perform the burr osteotomy



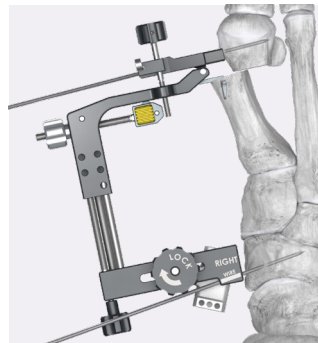
Outrigger Guide Attachment

Insert the Distal Hook into the metatarsal and place K-wires through the Outrigger into the navicular



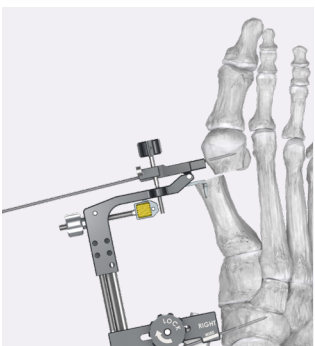
Deformity Correction—IM

Translate the 1st metatarsal until sufficient IM correction is achieved



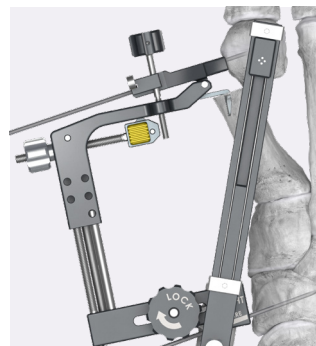
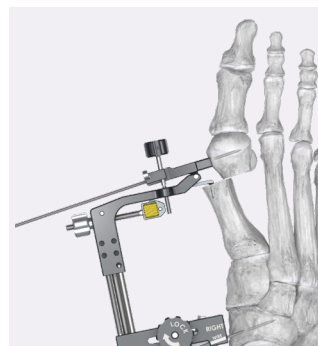
Deformity Correction—Derotation

Swivel the distal K-wire dorsally until sufficient derotation is achieved



Deformity Correction—DMAA

Rotate the DMAA Knob on the Rotation Fan clockwise until sufficient DMAA correction is achieved

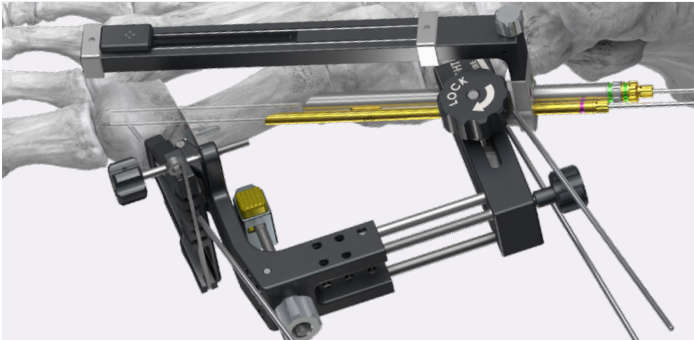


Chamfer Screw Targeting

Attach the Angel Wing and Guide Tubes to visualize wire and screw trajectories



TECHNIQUE SUMMARY



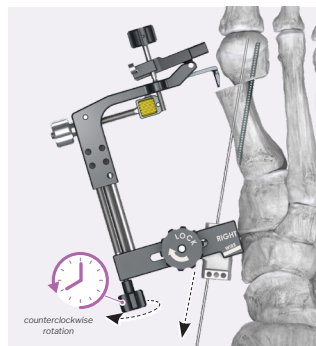
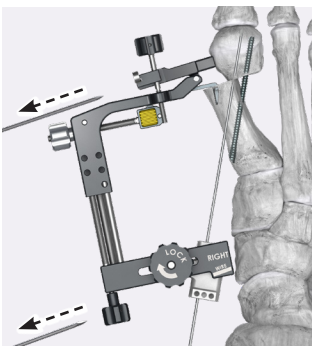
Wire Insertion

Insert guide wires through Guide Tubes



Proximal Screw Insertion

Drill and insert the proximal screw through the Guide Tubes



Outrigger Removal

Withdraw the wires places through the Outrigger and remove




Distal Screw Insertion

Use the Drill Guide/Soft Tissue Protector to drill and insert the distal screw

PRECISION® MIS BUNION SYSTEM

Precision® MIS Bunion System

P28-PMISB-01-RevA
2024-01-29

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