

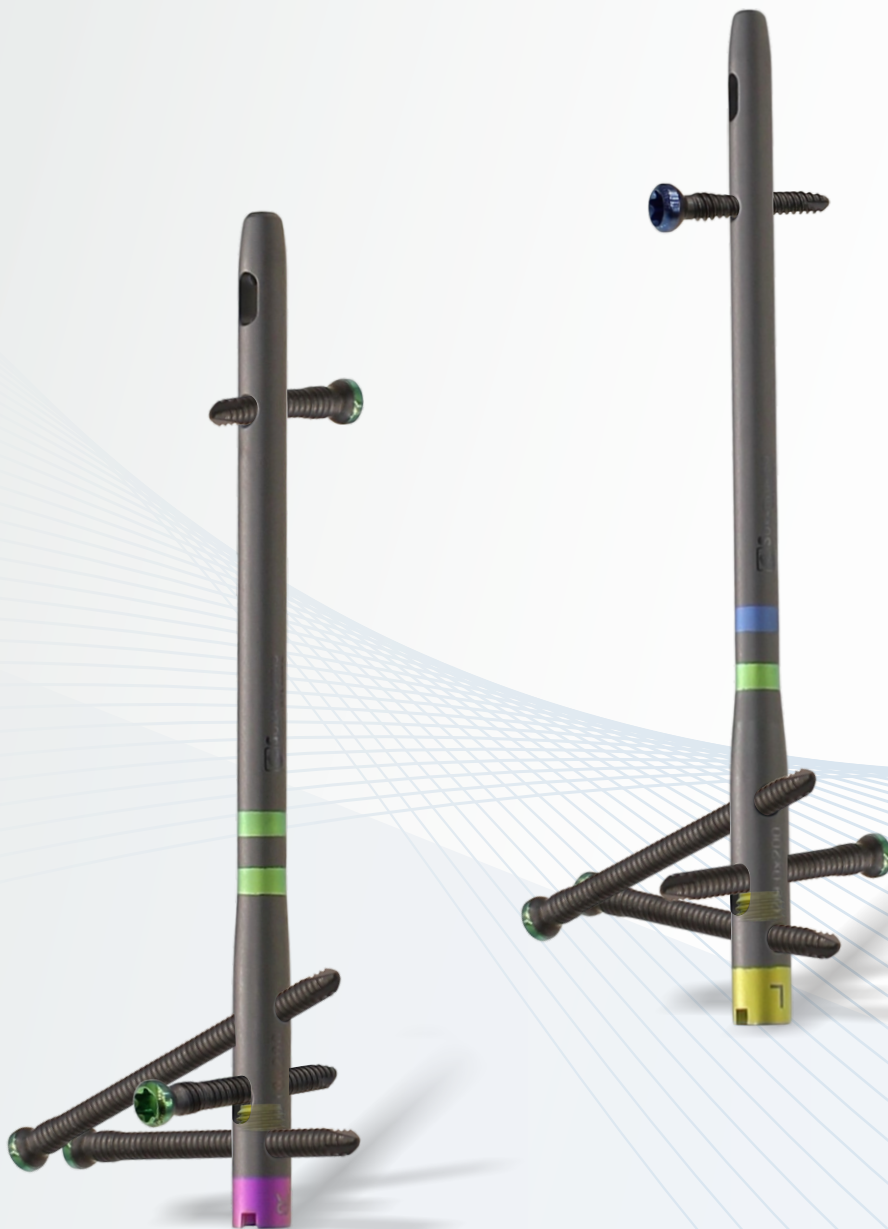


SORATH ORTHO

A DIVISION OF SIGMA SURGICAL

ANKLE FUSION NAIL

Redefining Stability with Ankle Fusion Technology



ISO 13485

www.sorathortho.co.in

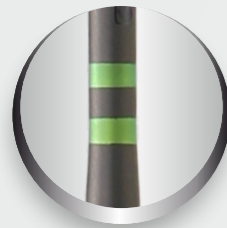
Colour Indications for easy of Identification:



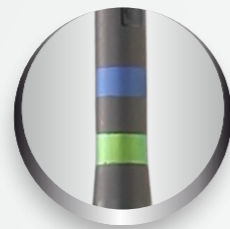
Pink Head indicates :
Right Nail



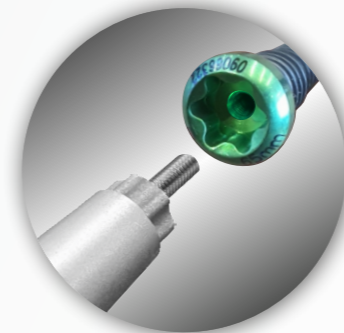
Gold Head indicates :
Left Nail



Double Green Rings on Neck indicates :
Proximal & Distal Screw Dia. of
5.0 mm Interlocking Bone Screw



Green & Blue Rings on Neck indicates :
Distal Screw Dia. of 5.0 mm Interlocking Bone Screw
Proximal Screw Dia. of 4.0 mm Interlocking Bone Screw

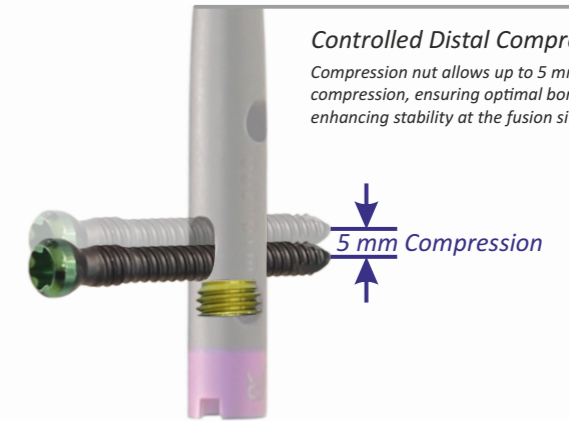


Secure Fixation

Utilizing a star-drive mechanism to ensure maximum torque transmission and improved self-containment.

Threaded Interlocking Screw Head Recess

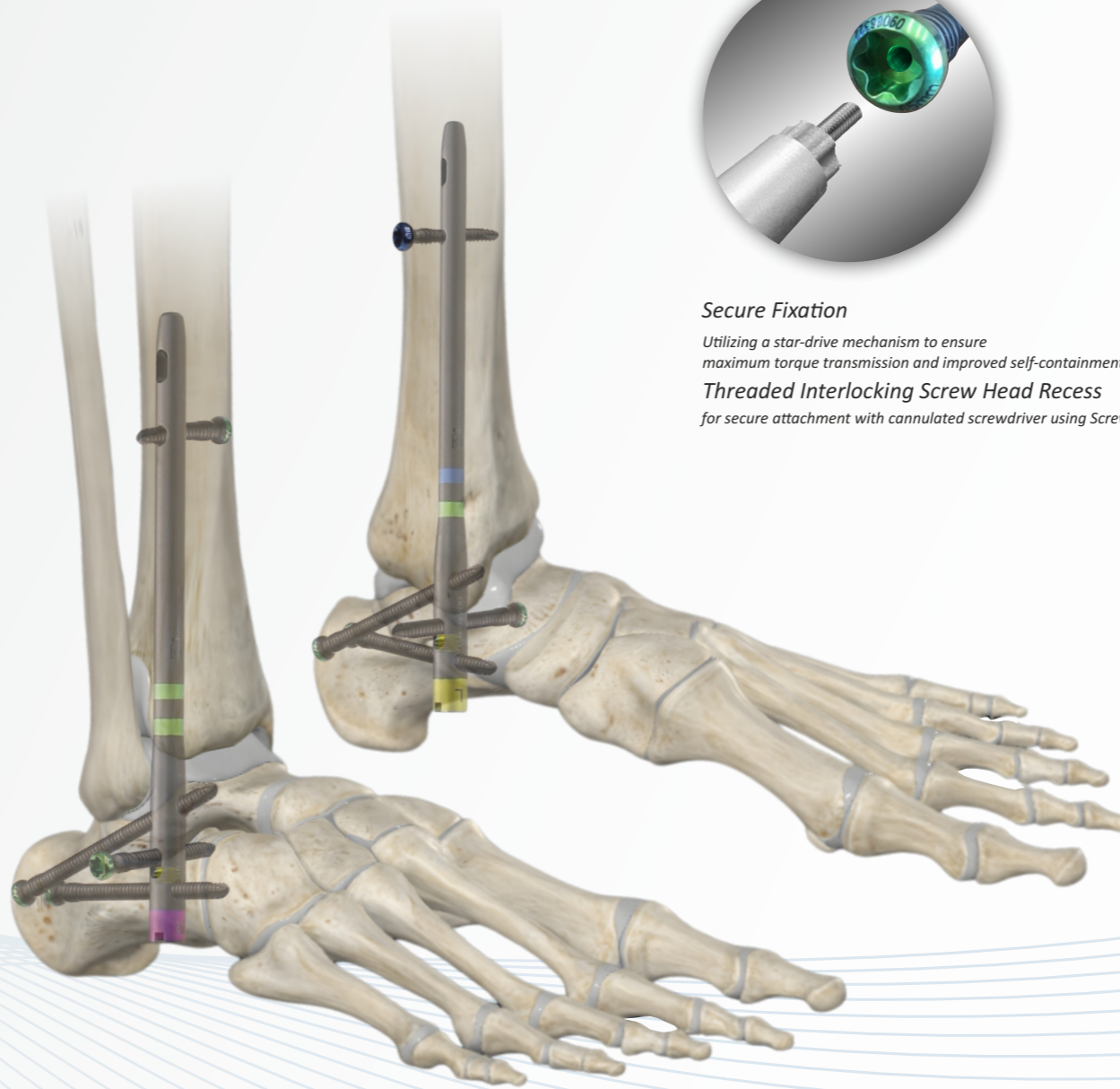
for secure attachment with cannulated screwdriver using Screw holding shaft.



Controlled Distal Compression

Compression nut allows up to 5 mm of controlled compression, ensuring optimal bone contact and enhancing stability at the fusion site.

5 mm Compression



End Cap for Nail

- Self-retaining T30 Star-Drive Recess for easy pick up and insertion of end cap.
- Green end caps securely lock the most proximal oblique locking screw, creating a fixed-angle construct.
- Four different length end caps (0mm, 5mm, 10mm, 15mm) for easier nail removal and prevention of soft tissue ingrowth.

Enhanced Stability and Reduced Risk:

Distal threaded screw holes play a vital role in reducing the risk of screw back out while simultaneously adding stability to the construct. This feature helps prevent loosening or migration of screws over time, ensuring long-term durability and reliability of the fusion site.



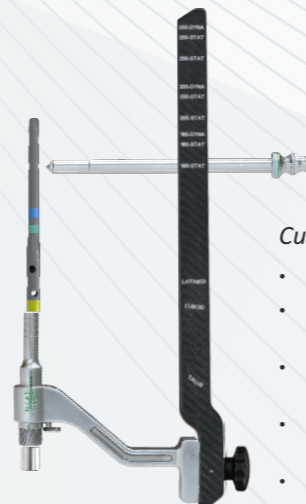
Dynamic Compression Slot

5 mm

Static Locking Hole

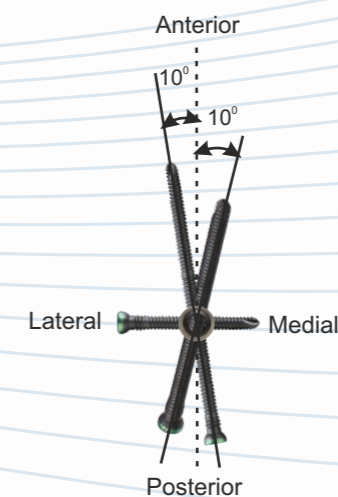
Proximal Rotational Stability:

The nail ensures rotational stability through its proximal static locking hole or dynamic compression slot, while also allowing 5 mm of compression through the dynamic compression slot, promoting optimal bone healing and alignment.



Cutting-Edge Instrumentation:

- Streamlines procedures for efficiency and precision.
- Radiolucent carbon fiber jig enhances X-ray visibility for clear fluoroscopic visualization.
- The intuitive color-coding system minimizes searching time, allowing for quick assembly.
- Ergonomically designed instrumentation improves comfort and control during procedures.
- Intelligently designed tools simplify procedures and save valuable OR time.

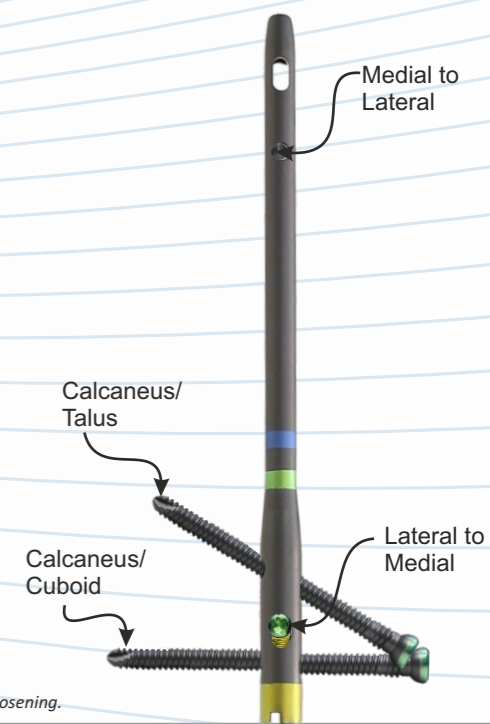


Cross-joint Fixation:

Enhances fusion stability by providing multi-planar fixation.

Enhanced Pullout Strength:

Oblique insertion into calcaneal anterior process or calcaneocuboid joint boosts stability and prevents screw loosening.





Ankle Fusion Nail

160, 200 & 250 mm

- 9 mm E19824160 to E19824250 (Ti) (R) E19821160 to E19821250 (SS) (R)
- 10 mm E17724160 to E17724250 (Ti) (R) E17721160 to E17721250 (SS) (R)
- 11 mm E17824160 to E17824250 (Ti) (R) E17821160 to E17821250 (SS) (R)
- 9 mm E19814160 to E19814250 (Ti) (L) E19811160 to E19811250 (SS) (L)
- 10 mm E17714160 to E17714250 (Ti) (L) E17711160 to E17711250 (SS) (L)
- 11 mm E17814160 to E17814250 (Ti) (L) E17811160 to E17811250 (SS) (L)



Interlocking Bone Screw Dia. 4.0 mm

- 24 - 50 mm (2 mm Variation in size), 55 - 60 mm (5 mm Variation in Size)
A20904024 to A20904060 (Ti) A20901024 to A20901060 (SS)



Interlocking Bone Screw Dia. 5.0 mm

- 22 - 50 mm (2 mm Variation in size), 55 - 80 mm (5 mm Variation in Size)
A21004022 to A21004080 (Ti) A21001022 to A21001080 (SS)



End Cap for Ankle Fusion Nail

- 00 - 15 mm (5 mm Variation in size)
E16304000 to E16304015 (Ti) E16301000 to E16301015 (SS)



End Cap for Ankle Fusion Nail

- 5 mm
E28504005 (Ti) E28501005 (SS)

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 * The information in the Catalogue is valid as of March 2023 Designs and specifications are subject to be changed without notice
 * Product shown in Catalogue may differ from actual products.
 * Sigma Surgical is not responsible for differences between the information in the Catalogue and the actual implants.

Manufacturing Facility :

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