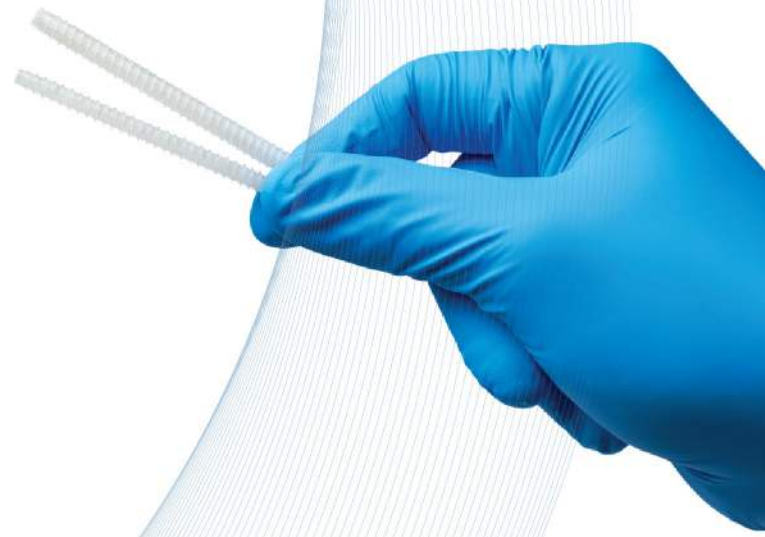




Restore. Regrow. Renew.

OSSIOfiber[®] Threaded Trimmable Fixation Nail

Surgical Technique Guide *Foot and Ankle System*



Measure



Trim



Transform



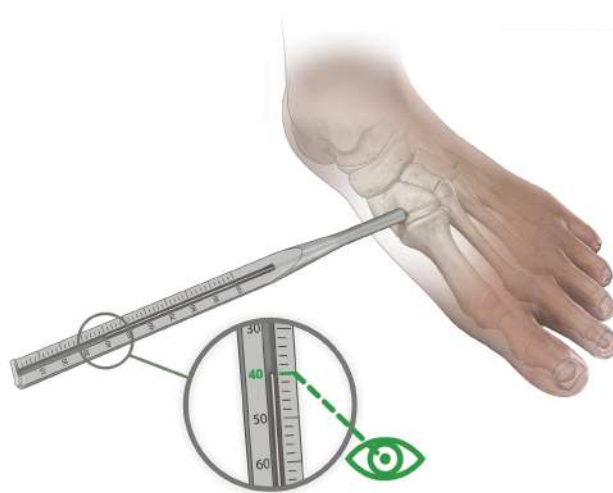
1 Positioning

- Position the drill guide on bone and place one of the provided 1.1mm k-wires to the desired location.



2 Measurement

- Place depth gauge over the wire until it seats on the cortical surface. This measurement will determine the desired implant length.



3 Drill Preparation

- Create the tunnel with the cannulated drill bit using the drill guide.

Note: Use the provided 3.8mm drill bit with the 4.5mm threaded nail, and the provided 4.5mm drill bit with the 5.5mm threaded nail. Laser marks on the distal ends of both drill bits are provided for aiding in depth measurement, starting at 20mm and proceeding in 10mm increments.

Tip: It is recommended to drill 5mm further than the desired depth measurement.

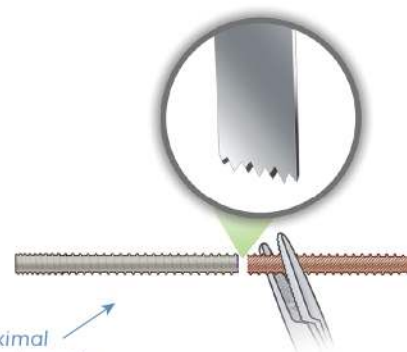
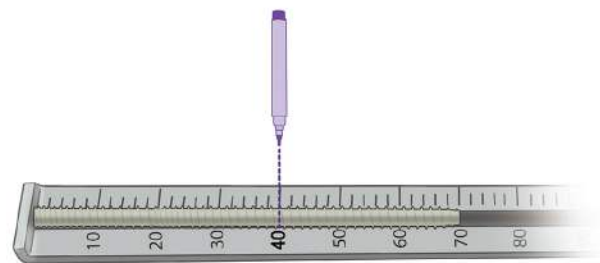
Note: The pilot hole should not exceed 4.0mm for the 4.5mm implant, or 4.8mm for the 5.5mm implant.



4 Implant Trimming

- Trim the implant to the previously determined length measurement. Keep the proximal portion for implantation.

The implant can be placed within the groove of the cannulated depth gauge for measurement and marking.

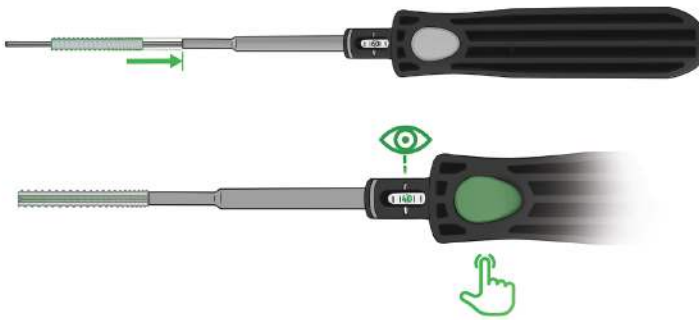


Keep the proximal portion for implantation.

5 Driver Calibration

- Press/hold the button to extend the hex driver shaft. Place the trimmed implant onto the hex driver and slide all the way until seated at the driver base. Press/hold the button and adjust the hex driver length to match the cut length.

Verify the final length of the adjustable driver by confirming the instrument's window reading matches the length of the trimmed implant.



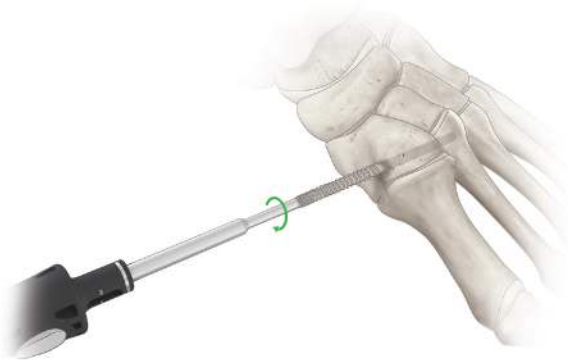
6 Implant Sharpening

- Reshape the distal end by inserting the implant (attached to the adjustable driver) into the provided implant sharpener.
- Providing axial force, turn the adjustable driver in a clockwise motion until there are no substantial material shavings being expelled from the implant sharpener. Once complete, the implant is ready for insertion.



7 Insertion

- Place the implant and adjustable driver over the previously positioned k-wire. Advance the implant into the pilot hole until an adequate insertion depth is attained.



8 Confirmation

- Final implant location can be verified under fluoro by imaging with the adjustable driver still in place. The tip of the adjustable driver will represent the implant length and location.



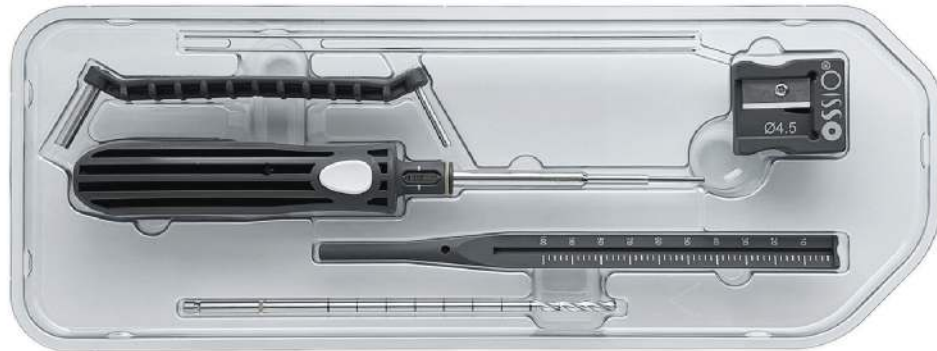
Foot & Ankle Threaded Trimmable Fixation Nail Ordering Info

The OSSIOfiber® Threaded Trimmable Fixation Nail System includes one instrumentation kit and one implant.

Description	Product Code
OSSIOfiber® Threaded Trimmable Fixation Nail, 4.5 X 70 mm (Medium)	OF1084570S
OSSIOfiber® Threaded Trimmable Fixation Nail, 4.5 X 70 mm System, F/A (Medium)	OF2084520S
OSSIOfiber® Threaded Trimmable Fixation Nail, 5.5 X 70 mm (Large)	OF1095570S
OSSIOfiber® Threaded Trimmable Fixation Nail, 5.5 X 70 mm System, F/A (Large)	OF2095520S
OSSIOfiber® Threaded Trimmable Fixation Nail Sizing Guide Pack	THN00480

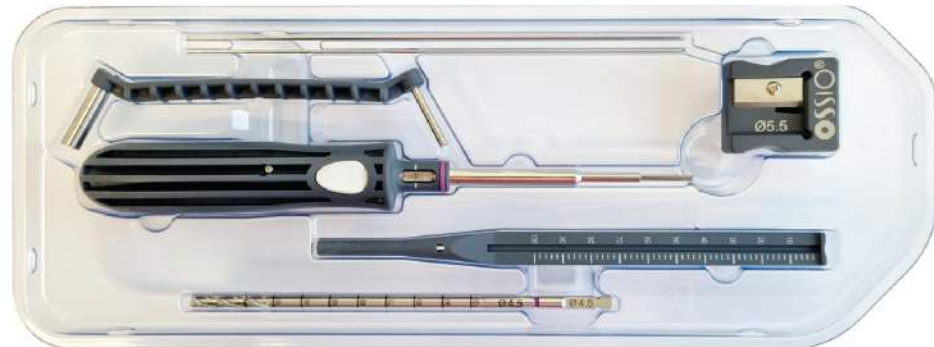
Foot & Ankle Sterilized and Disposable 4.5mm (Medium) Instrument Pack

- 1.1 mm K-wire (x2)
- Drill Guide
- Depth Gauge
- 3.8 mm Drill Bit
- Implant Sharpener
- Adjustable Driver



Foot & Ankle Sterilized and Disposable 5.5mm (Large) Instrument Pack

- 1.4 mm K-wire (x2)
- Drill Guide
- Depth Gauge
- 4.5 mm Drill Bit
- Implant Sharpener
- Adjustable Driver



Sizing Guides

Standalone Sizing Guide Pack available as an option for templating the implant silhouette under fluoroscopic imaging. Provided if it is preferred to assess medullary canal fit of implant for intramedullary fixation.



Indications

The OSSIOfiber® Threaded Trimmable Fixation Nails are indicated for maintenance of alignment and fixation of bone fractures, comminuted fractures, fragments, osteotomies, arthrodesis, and bone grafts, of the upper extremity, fibula, knee, ankle and foot in the presence of appropriate brace and/or immobilization in adults and children (2-12 years) and adolescents (12-21 years) in which growth plates have fused or in which growth plates will not be crossed by fixation.

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