

# OSSIOfiber® Trimmable Fixation Nail System

## Solid-Core Surgical Technique

The OSSIOfiber® Trimmable Fixation Nail System includes the strong and biointegrative Trimmable Fixation Nails conveniently packaged with corresponding sterile, disposable instrumentation. The system provides a solution to securely fixate bone fractures or osteotomies for healing, ultimately leaving the patient renewed without permanent metal hardware.



### Sterile, disposable instrumentation included

- A** Self Retaining Insertion Sleeve & Tamp
- B** Hook-end Sliding Depth Gauge
- C** Cannulated Drill Bit
- D** Two - 1.1mm K-wires

Description	Product Code
OSSIOfiber® Trimmable Fixation Nail System, 2.4 x 30mm, Two Implants	OF2012430S
OSSIOfiber® Trimmable Fixation Nail System, 2.4 x 50mm, One Implant	OF2012450S
OSSIOfiber® Trimmable Fixation Nail System, 4.0 x 50mm, One Implant	OF2014050S
OSSIOfiber® Trimmable Fixation Nail System, 4.0 x 50mm, Two Implants	OF2044050S



**Strong and Bio-integrative**  
Trimmable Fixation Nails

All configurations include sterile disposable instrumentation  
- Two 1.1mm K-wire, Cannulated Drill Bit, Hook-end Sliding Depth Gauge, Self-retaining Insertion Sleeve and Tamp



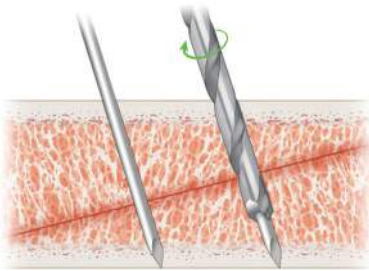
**Sterile, disposable instrumentation**  
Convenient and streamlined OR preparation

DOC001219 Rev02 1/2022

® OSSIO and OSSIOfiber are registered trademarks of OSSIO Ltd. All rights reserved.  
OSSIO Inc. 300 Tradecenter Drive, Suite 3690, Woburn, MA 01801  
For more on OSSIO and OSSIOfiber®, please visit [ossio.io](http://ossio.io) or call 833-781-7373

# Surgical Technique

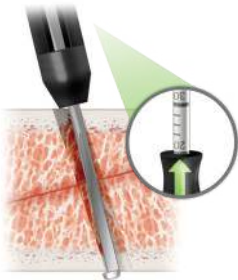
1



## Step 1: Prepare tunnels

- Using the preferred technique, the fixation site is prepared to achieve good alignment and stability for the fracture/osteotomy.
- Position the 1.1mm k-wire(s) to the precise desired location. Use the provided cannulated drill bit to create the tunnel(s).

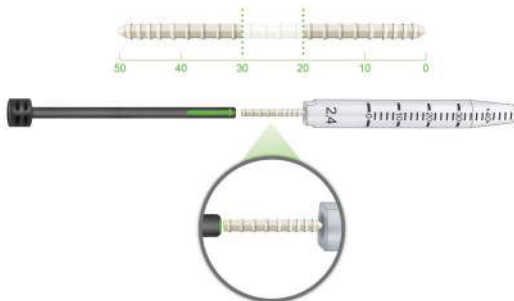
2



## Step 2: Measure depth

- Estimate the tunnel length by hooking the distal end of the depth gauge onto bone and reading the estimated tunnel length from the sliding gauge laser lines which are provided in 2mm increments.
- If depth gauge is not fully flush to bone, it is recommended to add 2 – 3 mm to the measurement of the tunnel length.

3



## Step 3: Load implant into inserter

- If desired, there is an option to pre-trim the implant to the desired length prior to insertion. It is recommended to mark the desired location with a surgical marker and then trim the Nail (i.e. with an oscillating saw) for a precise, clean cut.
- Load the tapered end of the implant into the inserter. Engage the tamp within the inserter to prepare for insertion.

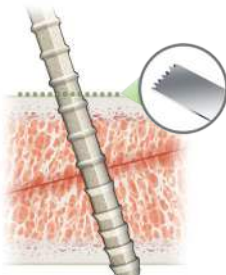
4



## Step 4: Tamp implant into tunnel

- Use a mallet to tap the proximal side of the tamp to advance the implant into the tunnel. Graduations on the inserter can facilitate confirming the proper depth.

5



## Step 5: Trim implant

- Trim the implant flush to bone after the final fixation is achieved.

