

**austofix F3**  
FEMORAL NAIL

Product Brochure



# austofix F3

FEMORAL NAIL

The Austofix Femoral Nail F3 is the lateral-entry successor to the Austofix F2 Femoral Nail. Utilising common instrumentation and the same “Recon” or Standard locking design, the F3 is manufactured from titanium and allows nail insertion from the Greater Trochanter.

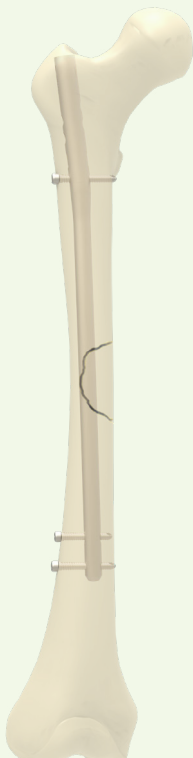
The Austofix F3 Nail combines the best features of modern design in an implant suitable for all antegrade femoral nailing indications.

- Left and Right Configurations
- Manufactured from Titanium Alloy (ISO 5832-3)
- Type II Hard Anodised for Increased Biocompatibility and Strength
- Anatomical AP Bend with Variable Radius of Curvature: 1150mm to 2000mm
- Lengths: 300mm to 460mm
- Nail Diameter: Ø9mm to Ø12mm
- Hip Screw Angle: 125° & 130°
- Ezy-Aim Compatible

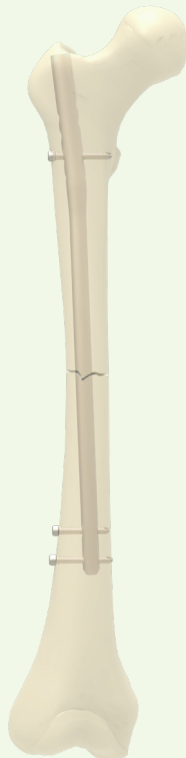


The Austofix F3 Nail can be used in three different configurations.

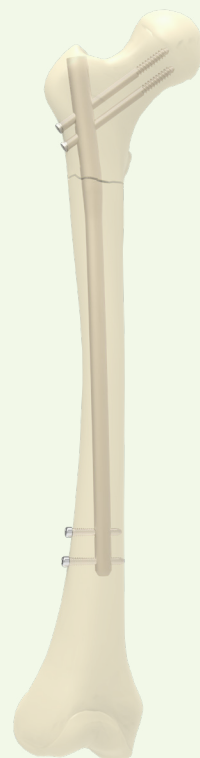
The distal locking remains the same, but there is a choice of proximal locking depending on fracture type:



Transverse Static Mode



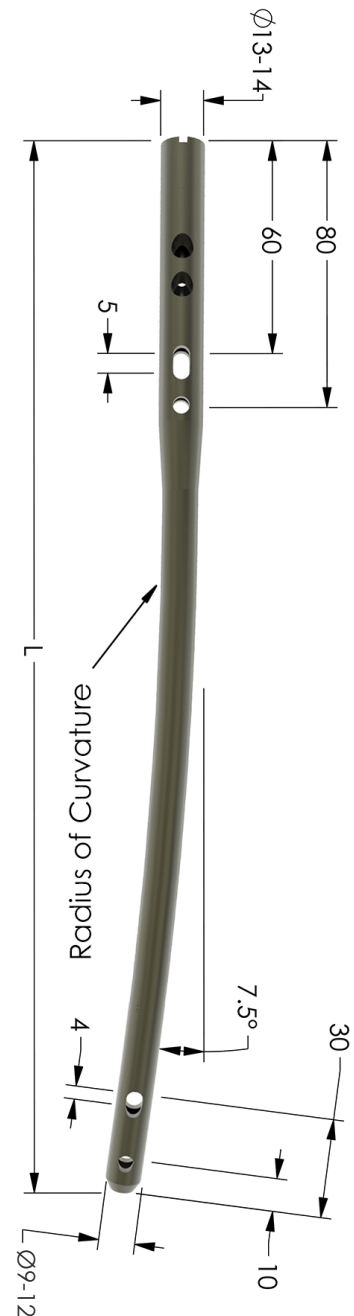
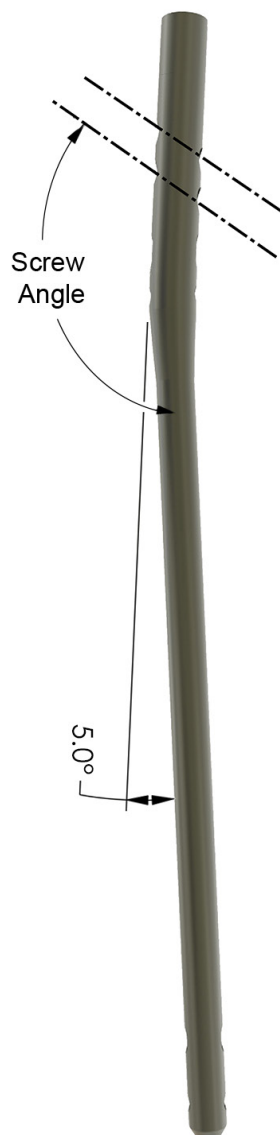
Transverse Dynamic Mode



'Recon' Mode

# Nail Features

- Suitable for femoral shaft and subtrochanteric fractures.
  - » Lateral bend proximally for insertion through Greater Trochanter.
- Cannulated for use with guide-wire.
- Proximal diameter:
  - » 13mm (9mm nails)
  - » 13mm (10mm nails)
  - » 13.5mm (11mm nails)
  - » 14mm (12mm nails)



- Dual Proximal Hip Screws available for femoral head locking.
  - » Reduce possibility of rotation.
- Hip Screw angles of 125° and 130° are available.
  - » 125° angle suitable for most clinical situations.
- 5.0° Lateral bend to facilitate Greater Trochanter entry.
  - » Accommodates patient anatomy for superior stability and fit.

# Nail Features

## Screws & End Caps

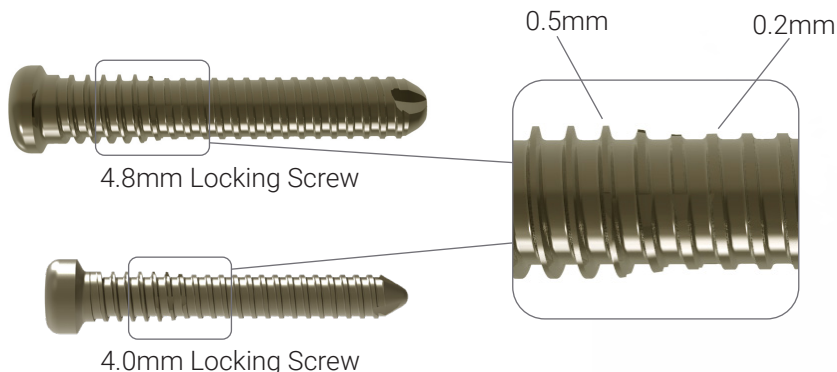
All Austofix screws are made from Type II Anodised ISO 5832-3 Titanium (Ti) for increased strength and improved biocompatibility properties.

The following are used with the F3 Nail:

- 6.5mm Hip Screws
  - » Partially threaded for improved fixation within the Nail.
  - » Used proximally for the 'recon' mode in the femoral head.
- 4.0mm & 4.8mm Locking Screws
  - » Fully threaded for ease of insertion.
  - » First 3/4 of Screw thread shallow, with the remaining 1/4 expanded to grip the lateral cortex and resist backout.
  - » Low profile Screw heads resulting in reduced tendon irritation.
  - » Used proximally and distally with the F3 in a mediolateral direction.
  - » 4.0mm Locking Screws required for Ø9mm Nails
- End Cap
  - » Used to deter bone ingrowth.
  - » Used to increase Nail length.
  - » Length determined by surgeon's preference.

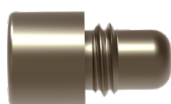


6.5mm Hip Screw



4.8mm Locking Screw

4.0mm Locking Screw



End Cap





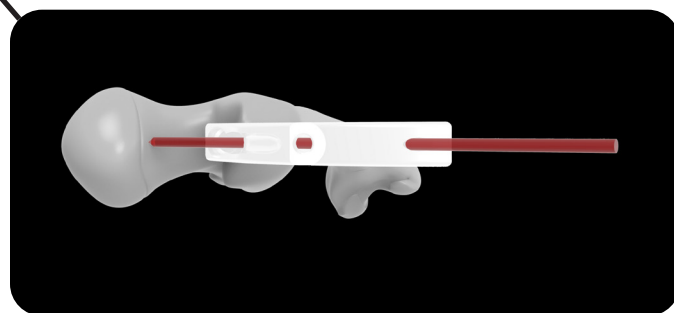
## Nail Holder & Guide

All-In-One Nail Holder and Guide enables fast and easy insertion of the Nail and the insertion of the proximal screws. This results in:

- Significant reduction of operating procedure time.
- Reduction of inventory.
- Radiolucent Guide enhances X-ray visualisation and when used with Single-Shot assists in K-wire placement.

## Single-Shot™ Alignment

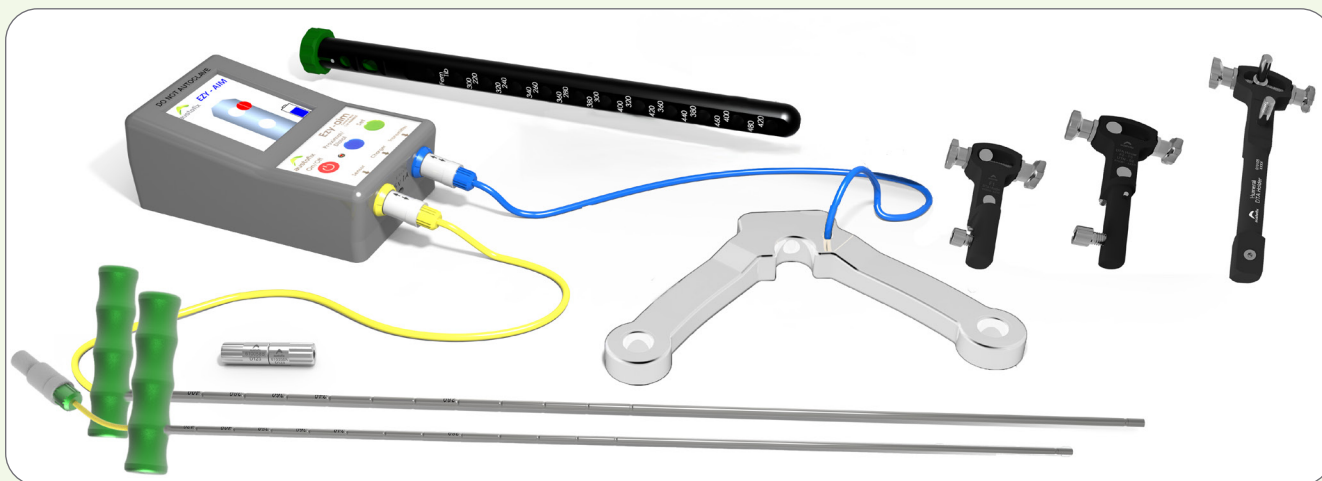
- Improves accuracy and reduces multiple drilling into the femoral head.
- Limits radiation exposure.
- Reduces operating procedure time.



## Ezy-Aim Distal Targeting System

The F3 Nail utilises the Ezy-Aim Distal Targeting System.

Please refer to the Ezy-Aim Distal Targeting System Surgical Technique for instructions on how to calibrate the F3 Nail for distal hole targeting.



# Implants - Titanium

F3 Nail - Titanium				
Nominal Length	Ø9			
	Left	Right	Left	Right
	125° Part Numbers		130° Part Numbers	
300	371930L	371930R	373930L	373930R
320	371932L	371932R	373932L	373932R
340	371934L	371934R	373934L	373934R
360	371936L	371936R	373936L	373936R
380	371938L	371938R	373938L	373938R

**Note:** The 9mm diameter F3 Nail is an Austofix Made to Order product. All Austofix Made to Order items will have a minimum order quantity and the delivery date will be discussed prior to manufacture.

F3 Nail - Titanium						
Nominal Length	Ø10		Ø11		Ø12	
	Left	Right	Left	Right	Left	Right
125° Part Numbers						
320	371032L	371032R	-	-	-	-
340	371034L	371034R	371134L	371134R	371234L	371234R
360	371036L	371036R	371136L	371136R	371236L	371236R
380	371038L	371038R	371138L	371138R	371238L	371238R
400	371040L	371040R	371140L	371140R	371240L	371240R
420	371042L	371042R	371142L	371142R	371242L	371242R
440	-	-	-	-	371244L	371244R
460	-	-	-	-	371246L	371246R
130° Part Numbers						
320	373032L	373032R	-	-	-	-
340	373034L	373034R	373134L	373134R	373234L	373234R
360	373036L	373036R	373136L	373136R	373236L	373236R
380	373038L	373038R	373138L	373138R	373238L	373238R
400	373040L	373040R	373140L	373140R	373240L	373240R
420	373042L	373042R	373142L	373142R	373242L	373242R
440	-	-	-	-	373244L	373244R
460	-	-	-	-	373246L	373246R



6.5mm Hip Screw	
Product Code	Screw Length
366560	60
366565	65
366570	70
366575	75
366580	80
366585	85
366590	90
366595	95
366500	100
366505	105
366510	110
366515	150
366520	120



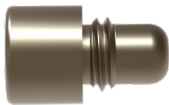
4.0mm Locking Screw	
Product Code	Screw Length
364020	20
364025	25
364030	30
364032	32.5
364035	35
364037	37.5
364040	40
364045	45
364050	50
364055	55
364060	60
364065	65
364070	70



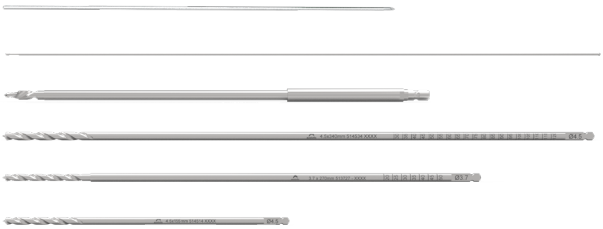
4.8mm Locking Screw Ti	
Product Code	Screw Length
364820	20
364825	25
364830	30
364832	32.5
364835	35
364837	37.5
364840	40
364845	45
364850	50
364855	55
364860	60
364865	65
364870	70
364875	75
364880	80
364885	85
364890	90



End Cap M8	
Product Code	Length
368001	01
368005	05
368010	10
368015	15
368020	20



Single Use Items	
Product Code	Description
512525	2.5x250mm K Wire (Twin Packed)
533900	3.0x900mm Ball-tip Guidewire
526521	6.5 x 210mm Drill (for 6.5mm Screw)
514534	4.5 x 340mm Drill (for 4.8mm Screw)
513727	3.7 x 270mm Drill (for 4.0mm Screw)
514514	4.5x155mm Drill (Optional for 4.8mm Screw)





As a leading manufacturer and designer of orthopaedic medical devices Austofix is dedicated to continuous innovation, excellence and patient safety.

Austofix has extensive experience and expertise in developing new medical devices from concept to a fully commercialised product with regulatory approval for worldwide distribution. With a team of world-class research and development specialists Austofix identifies emerging techniques and innovations within the field of orthopaedic to develop world-class solutions.

By focussing on the specific needs of orthopaedic surgeons, Austofix products assist the surgeon in performing accurately, efficiently and safely leading to better health outcomes for the patient. Austofix success can be measured through the excellent clinical results and positive surgeon feedback.

This has led to Austofix emerging as one of Australia's key contributors to the world-wide medical technology industry.

**Legal Manufacturer**

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