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Austofix

Austofix F1+

FEMORAL NAIL SYSTEM

Product Brochure



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FEMORAL NAIL SYSTEM

The Austofix F1 Nail is based on over 25 years of clinical history and Austofix expertise in the design and manufacture of world-class and innovative trauma devices. Our design objective is to reduce operative times and support efficient and safe procedures resulting in improved patient outcomes.

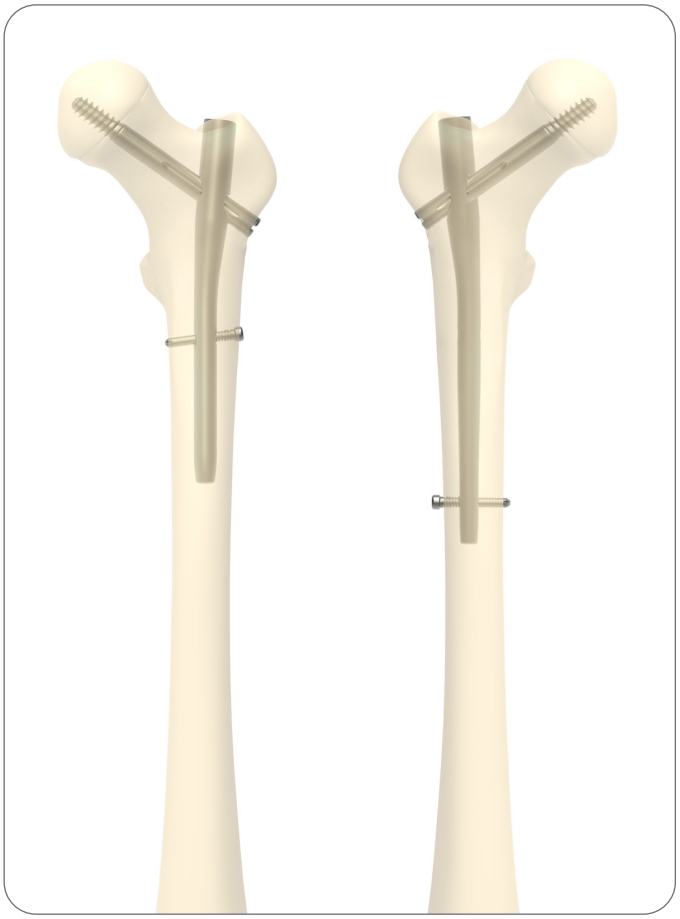
The Austofix F1 Nail is the preferred treatment option for hip & midshaft fractures.

F1 Short

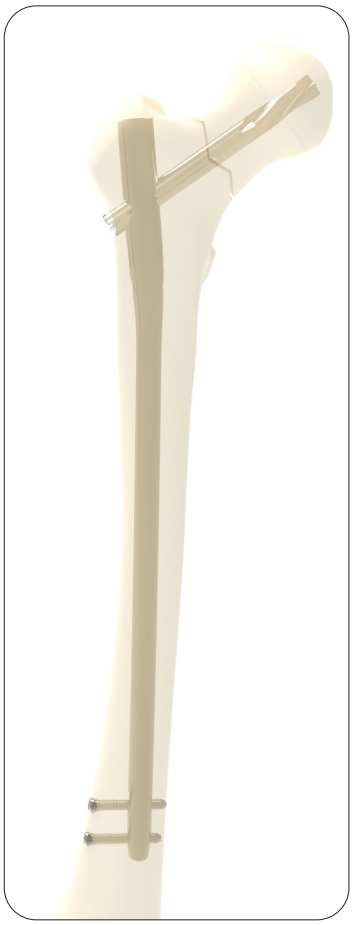
- Universal Nail
- Suitable for Left or Right fractures
- Simplifies inventory management
- 170mm with high distal screw
  - Suitable for Transcervical & Intertrochanteric fractures
- 190mm with low distal screw
  - Suitable for Subtrochanteric fractures

F1 Long

- Left & Right Configurations
- 340mm - 460mm Length
- Ezy-Aim Compatible
- Anatomical fit, with superior AP bend
- Proximal transverse & static hole for simple shaft fixation
- Variable Radius of Curvature







Features

Nail Features

- Shorter proximal portion with proximal lateral chamfer, reduces tendon irritation
- 120°, 125°, 130° Lag Screw options
- 15.5mm Proximal Diameter
- 9, 10, 11, 12mm Distal Diameters
- Intuitive Instrument Set, decreases procedure time and enhances safety
- Type II Anodised Titanium

Proximal Lateral Chamfer

- Reduces tendon irritation

In-Built Set Screw

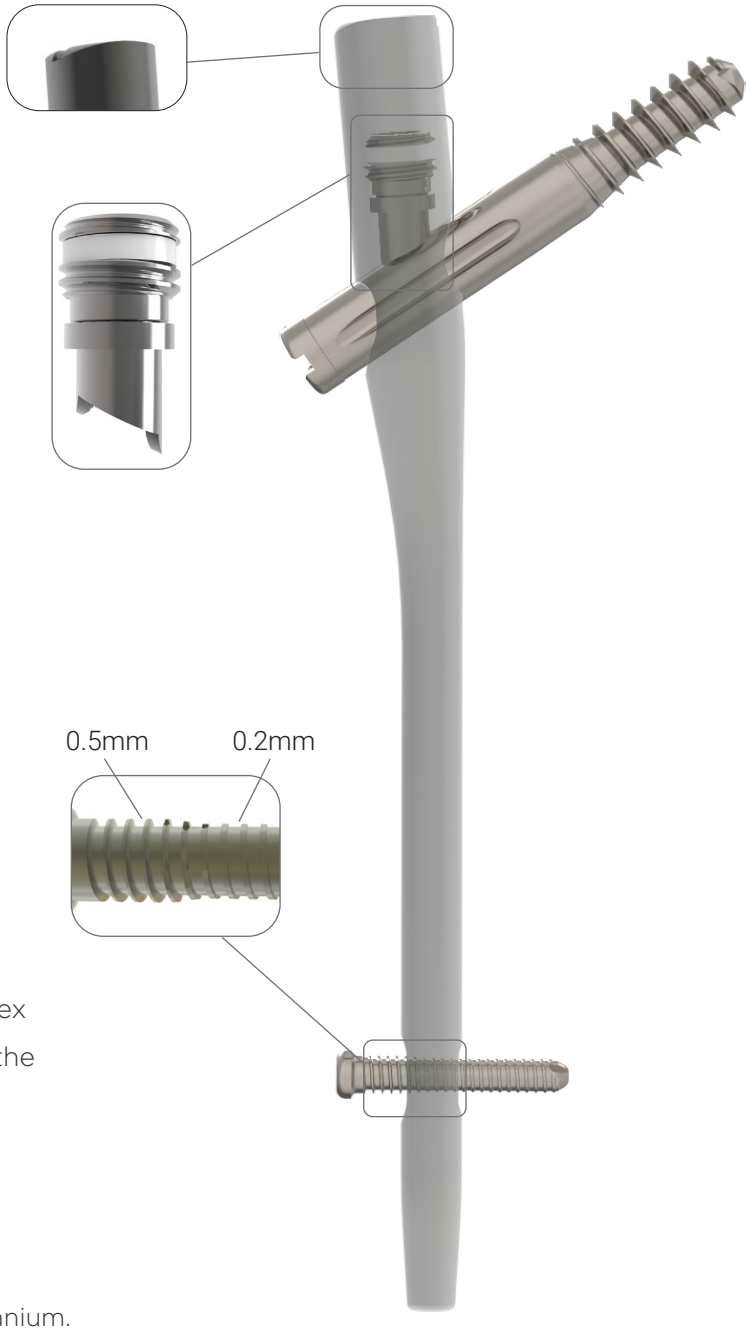
- Set Screw pre-installed.
- Efficient design reducing operating time
- Increases patient safety
- Both static and rotational locking option
- Self centring chamfer assists in connecting with the articulating driver

Helical Blade

- Provides improved resistance to varus collapse
- Enchances rotational control
- Includes lateral shoulder preventing medial migration through the nail

Low Profile Locking Screws

- Fully threaded for ease of insertion
- The first 3/4 of the thread is shallow, being just enough to draw the screw in as it is turned
- The last 1/4 expands to grip the lateral cortex and resist backout. This part is larger than the hole in the nail
- The core of the thread (minor diameter) matches in both parts for smooth screw insertion and extraction

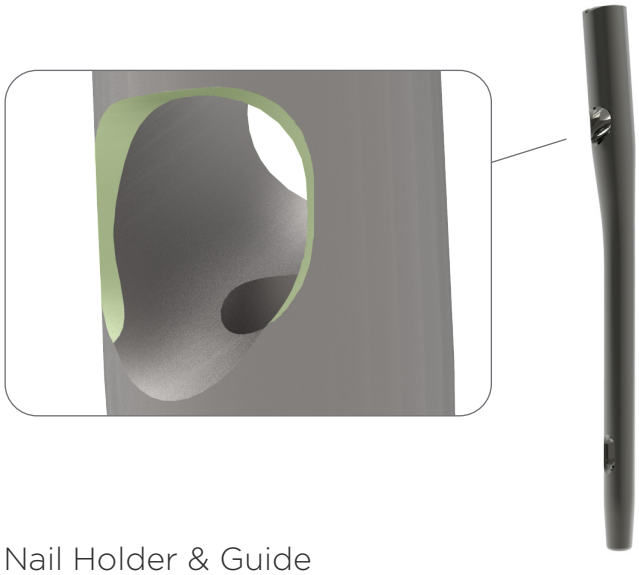


Note: All implants are made from ISO 5832-3 Titanium.

Lag Screw Relief Cuts

Chamfered edges at screw entrance helps to:

- Reduces stress on the Lag Screw
- Reduces risk of failure at the large hole by distributing stresses throughout the whole Nail
- Unique proximal dual chamfer





Nail Holder & Guide

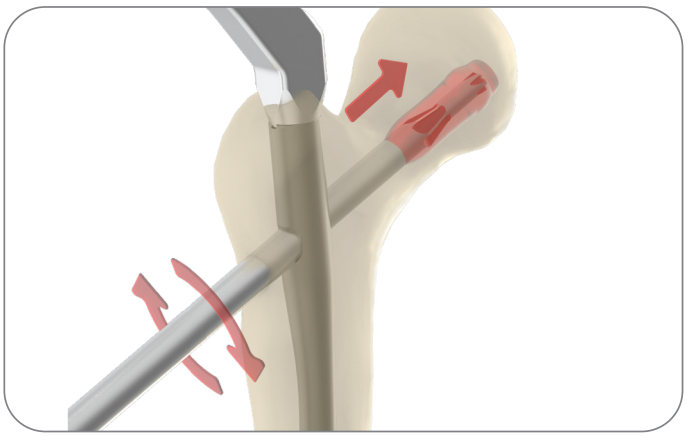
All-In-One Nail Holder and Guide enables fast and easy insertion of the Nail and the insertion of the proximal and distal screws.

- 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

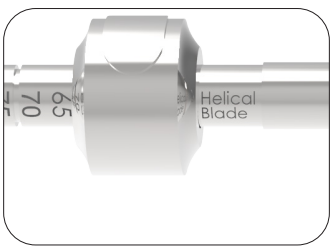
- Improves accuracy and reduces multiple drilling into the femoral head
- Limits radiation exposure
- Reduces operating procedure time

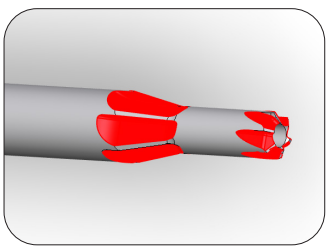




Bone Conservation Reamer

- Reduces bone tissue removal
- Improves stability of the Hip Screw in osteoporotic bone
- Sharp lateral cutting tip
- Added drill stop groove for Helical Blade insertion





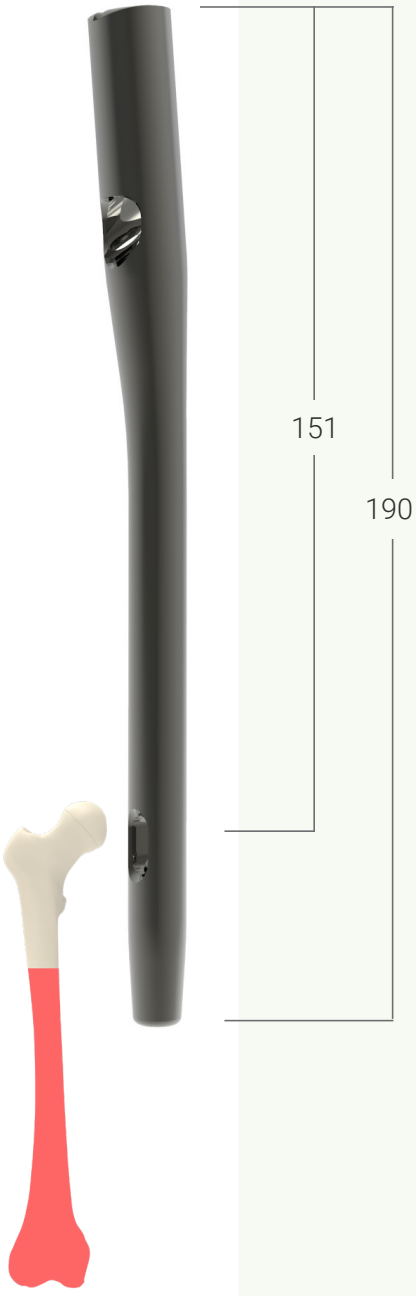
F1 Nails

F1 Short - 170mm



Higher Distal Screw increases Strength and Stability for Intertrochanteric Fractures. Decreases Risk of Femoral Shaft Fractures.

F1 Short - 190mm



Lower Distal Screw for Trochanteric Fracture Fixation with Subtrochanteric Extension. Optimal in Contrast to Competitors.

F1 Long - 340 - 460mm

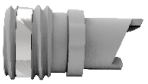


Duel Static and Transverse Hole with Anatomical AP Bend to Optimise Midshaft Femoral Fractures. Variable Radius of Curvature.

Implants

F1 Nail Short - Titanium			
Nail Length	Ø9	Ø10	Ø11
120° Part Numbers			
170	379200	370200	371200
190	379202	370202	371202
125° Part Numbers			
170	379250	370250	371250
190	379252	370252	371252
130° Part Numbers			
170	379300	370300	371300
190	379302	370302	371302

Set Screw	
Product Code	Screw Angles
370100A	120°/125°/130°
370120B	120°
370125B	125°
370130B	130°





F1 Nail Long - Titanium						
Nominal Length	Ø10		Ø11		Ø12	
	Right	Left	Right	Left	Right	Left
120° Part Numbers						
340	37121034R	37121034L	37121134R	37121134L	37121234R	37121234L
360	37121036R	37121036L	37121136R	37121136L	37121236R	37121236L
380	37121038R	37121038L	37121138R	37121138L	37121238R	37121238L
400	37121040R	37121040L	37121140R	37121140L	37121240R	37121240L
420	37121042R	37121042L	37121142R	37121142L	37121242R	37121242L
440	37121044R	37121044L	37121144R	37121144L	37121244R	37121244L
460	37121046R	37121046L	37121146R	37121146L	37121246R	37121246L
125° Part Numbers						
340	37111034R	37111034L	37111134R	37111134L	37111234R	37111234L
360	37111036R	37111036L	37111136R	37111136L	37111236R	37111236L
380	37111038R	37111038L	37111138R	37111138L	37111238R	37111238L
400	37111040R	37111040L	37111140R	37111140L	37121240R	37111240L
420	37111042R	37111042L	37111142R	37111142L	37111242R	37111242L
440	37111044R	37111044L	37111144R	37111144L	37111244R	37111244L
460	37111046R	37111046L	37111146R	37111146L	37111246R	37111246L
130° Part Numbers						
340	37131034R	37131034L	37131134R	37131134L	37131234R	37131234L
360	37131036R	37131036L	37131136R	37131136L	37131236R	37131236L
380	37131038R	37131038L	37131138R	37131138L	37131238R	37131238L
400	37131040R	37131040L	37131140R	37131140L	37131240R	37131240L
420	37131042R	37131042L	37131142R	37131142L	37131242R	37131242L
440	37131044R	37131044L	37131144R	37131144L	37131244R	37131244L
460	37131046R	37131046L	37131146R	37131146L	37131246R	37131246L



10.4 Hip Screw	
Product Code	Screw Length
361460	60
361465	65
361470	70
361475	75
361480	80
361485	85
361490	90
361495	95
361400	100
361405	105
361410	110
361415	115
361412	120



10.4 Helical Blade Screw	
Product Code	Screw Length
360460	60
360465	65
360470	70
360475	75
360480	80
360485	85
360490	90
360495	95
360400	100
360405	105
360410	110
360415	115
360420	120



4.8mm Locking Screw	
Product Code	Screw Length
364820	20
364825	25
364830	30
364832	32.5
364835	35
364837	37.5
364840	40
364842	42.5
364845	45
364847	47.5
364850	50
364855	55
364860	60
364865	65
364870	70
364875	75
364880	80
364885	85
364890	90



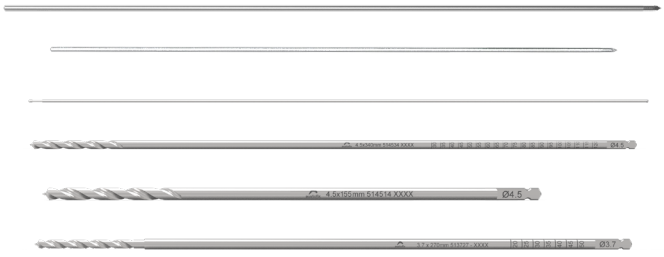
4.0mm Locking Screw	
Product Code	Screw Length
364020	20
364025	25
364030	30
364032	32.5
364035	35
364037	37.5
364040	40
364042	42.5
364045	45
364047	47.5
364050	50
364055	55
364060	60
364065	65
364070	70



M10 End Cap Ti	
Product Code	Length
363401	1
363405	5
363410	10
363415	15



Single Use Items	
Product Code	Description
533235	3.2x400mm Guidewire (Twin Packed)
512525	2.5x250mm K Wire (Twin Packed)
533900	3.0x900mm Ball-tip Guidewire
514534	4.5x340mm Drill (for 4.8mm Screw)
514514	4.5x155mm Drill (Optional for 4.8mm Screw)
513727	3.7x270mm Drill (for 4.0mm Screw)



Austofix

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.

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