

**austofix S2**  
**SUPRACONDYLAR NAIL**

Product Brochure

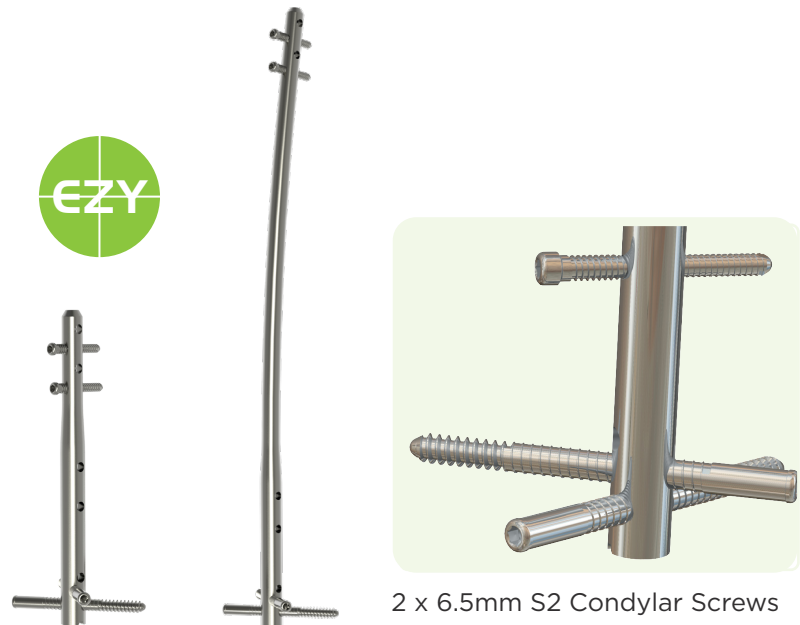


# austofix S2

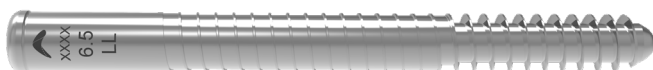
The Austofix S2 Supracondylar Nail aims to provide anatomically stable fixation of the most distal supracondylar and intercondylar femoral fractures. The use of crossed interlocking oblique screws enables both screws to be within 20mm of the end of the implants with each screw engaging the posterior condyles where bone quality is better.

## Key Features:

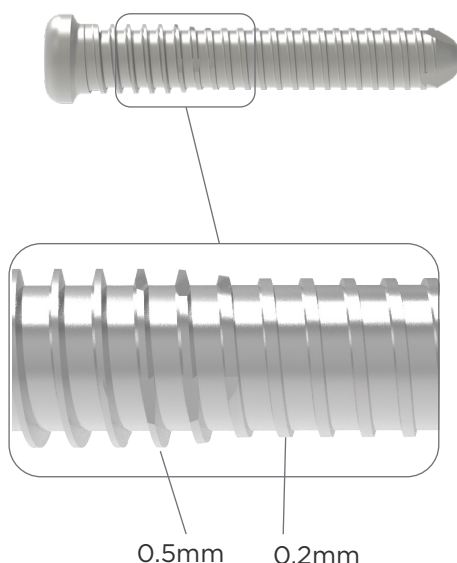
- Distal Nail Diameter: Ø13mm
- Proximal Nail Diameter: Ø11, Ø12 or Ø13mm
- Anteroposterior Bow Conforms to Femoral Anatomy on 240mm-380mm Nails
- Material: Titanium
- High Strength, Lightweight and Biocompatible



6.5mm S2 Condylar Screw



4.8mm Locking Screw

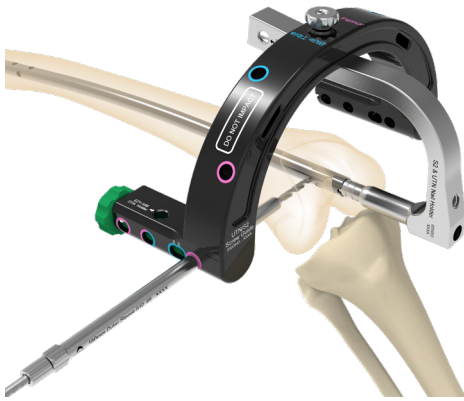


## Screws

Two different types of screws are used:

- 6.5mm S2 Condylar Screws used distally
  - » 120° apart and having a locking system to prevent screw backout and maximise fixation
- 4.8mm Locking Screws used proximally
  - » Shallow thread distally (0.2mm) for drawing screw in as it turns
  - » Deeper thread proximally (0.5mm) to grip lateral cortex and resist backout

## S2 & UTN Screw Guide



- All-in-one guide targeting all oblique and transverse holes
- Made from carbon fibre radiolucent PEEK
- Colour coded for different nailing systems- Pink for femur and Blue for tibia



## Nail Holder & Guide

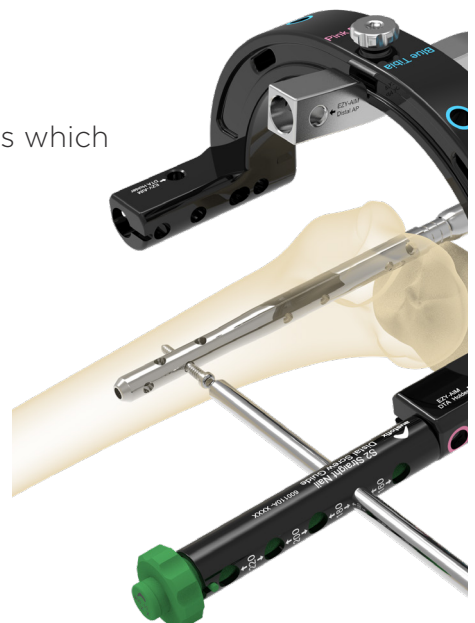
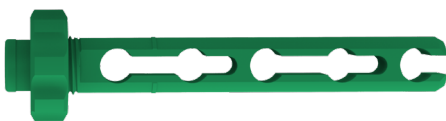


S2 & UTN Nail Holder and Guide enables fast and easy insertion of the nail as well as proximal and distal screws.

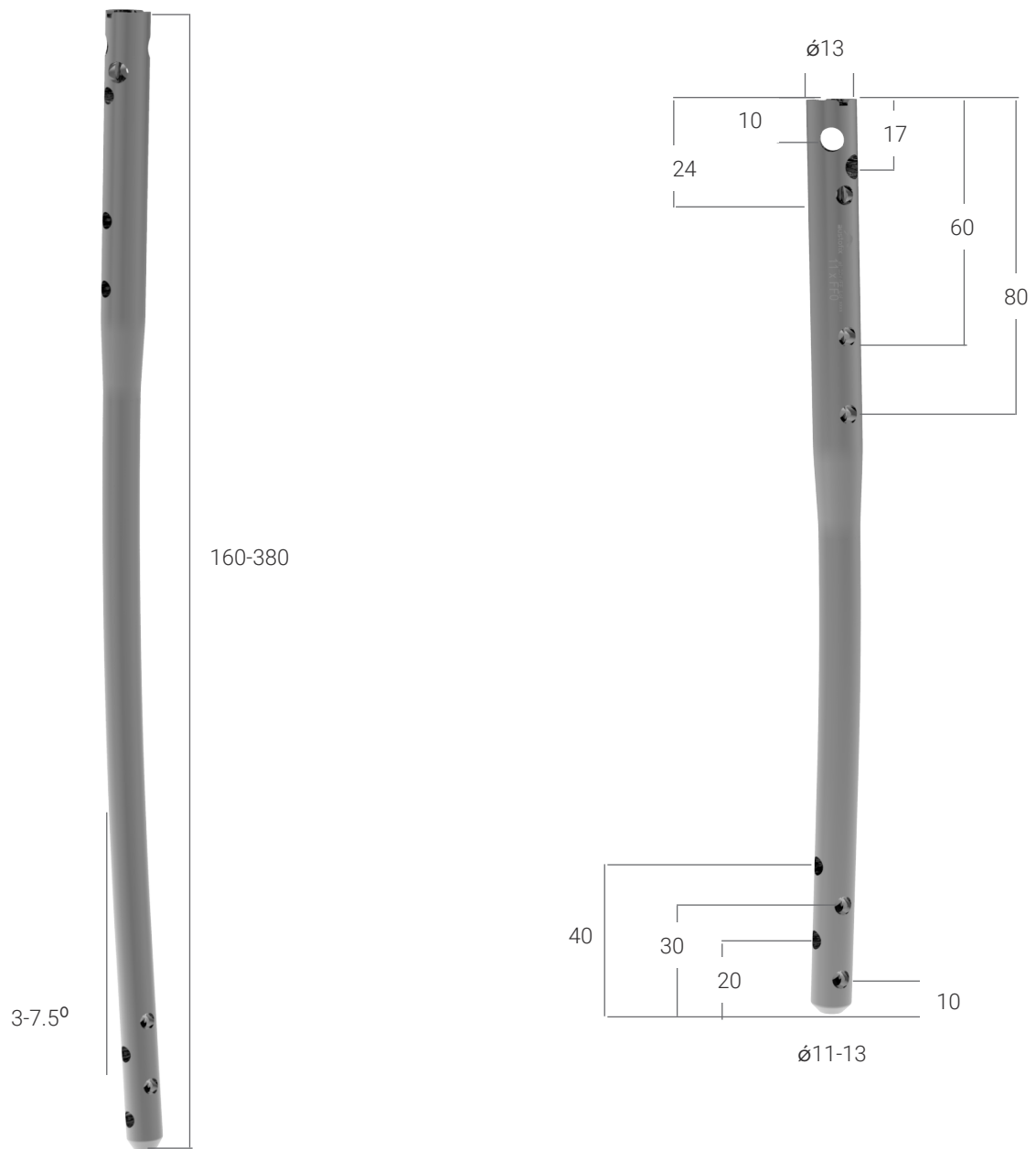
- Enables targeting of AP holes in supracondylar nails using Ezy-Aim
- Compatible with S2 & UTN Screw Guide

## Straight Nail Distal Screw Guide and Locking Sleeve

- Distal Screw Guide to target distal holes in the short nails which are straight nails



# Nail Features



## Nail Features

- Variable bend angle to accommodate patient anatomy
  - » 160, 180, 200 & 220mm nails are straight
- 13mm distal diameter extending 90mm then 11, 12, 13mm Diameter variants
- Intuitive Instrument Set
  - » Decreases procedure time and enhances safety and accuracy

# Titanium Implants

S2 Supracondylar Nail					End Cap M8	
Nominal Length	AP Bend Angle (°)	Ø11	Ø12	Ø13	Product Code	Length
		Product Code				
160	0	391116	-	-	368000	00
180	0	391118	-	-	368001	01
200	0	391120	-	-	368005	05
220	0	391122	-	-	368010	10
240	3	391124	391224	391324	368015	15
260	4	391126	391226	391326	368020	20
280	4.5	391128	391228	391328		
300	5.5	391130	391230	391330		
320	6.5	391132	391232	391332		
340	7.5	391134	391234	391334		
360	7.5	391136	391236	391336		
380	7.5	391138	391238	391338		

6.5mm Washer	
Product Code	
T498020	

4.8mm Nail Locking Screw	
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

6.5mm S2 Condylar Screw	
Product Code	Screw Length
396550	50
396555	55
396560	60
396565	65
396570	70
396575	75
396580	80
396585	85
396590	90

# Single Use Items

Guidewire		Drill	
Product Code	Description	Product Code	Description
512525	2.5x250mm K-Wire (Twin Packed)	514534	4.5x340mm Drill
533900	3.0x900mm Ball-tip Guidewire	514514	4.5x155mm Drill



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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