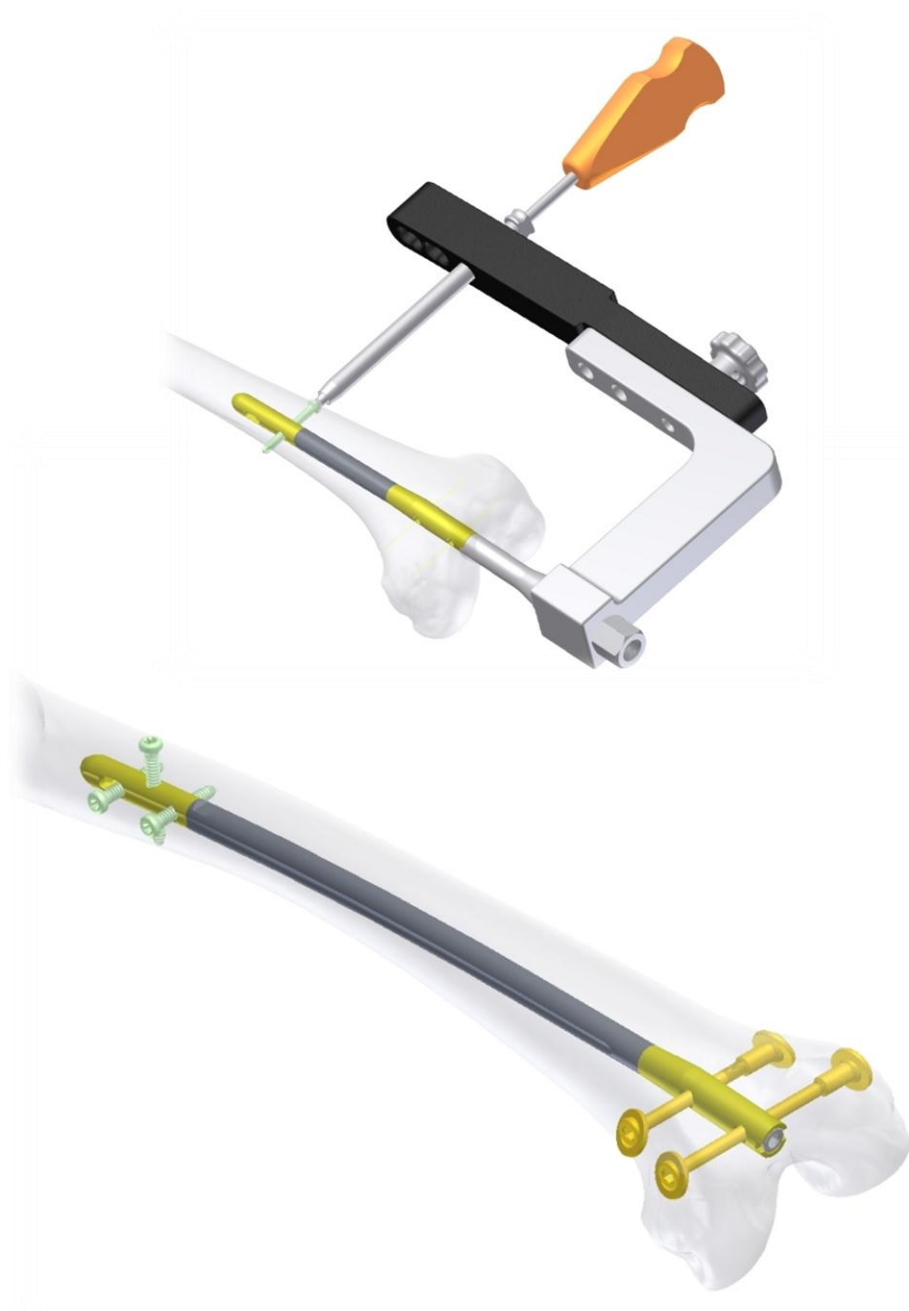


AMATOLA

Supracondylar and Retrograde Nailing System



SYSTEM OVERVIEW

AMATOLA™ Supracondylar and Retrograde (SCN) Nailing System addresses the spectrum of femoral fractures ranging from the distal femur to the shaft. The system offers the advantages of a unique locking configuration and targeting concept, allowing superior fixation in the distal femur for the treatment of complex distal femoral fractures. Distal femoral fractures are often complicated by intra-articular fracture line extension. The design of the AMATOLA™ SCN Nail allows for further fixation and compression using the Condyle Screws. The design of the AMATOLA™ SCN System is universal for left and right indications.

System Features

- Universal design for the right and left femur
- Distal Bend 4 degree
- Radius of curve 1500 mm for anatomic fit
- Unique nail connected target device for accurate proximal and distal locking
- Multiple proximal locking options in different planes
- Cannulated Condyle Screws with adjustable screw heads
- Common 5.0 mm fully threaded cortex screws

Diameter	9.0 mm	10.0 mm	11.0 mm	12.0 mm	13.0 mm
Cross-section	Round		Fluted		
					

SHORT NAIL



Nail Length	180 mm	200 mm
Proximal Locking Holes	1 ML round hole 1 ML compression hole	
Distal Locking Holes	2 ML round holes	

LONG NAIL



Nail Length	225 mm	250 mm	275 mm	300 mm	325 mm	350 mm	375 mm	400 mm	425 mm
Proximal Locking Holes	1 ML round hole, 1 ML compression hole 1 AP round hole								
Distal Locking Holes	2 ML round holes								

Technical Specifications

Implant Material

All implants are manufactured from Ti-6Al-4V medical grade, anodized titanium alloy (ASTM F1472) due to this material's superior properties. The titanium alloy offers a lower modulus of elasticity and increased fatigue strength over stainless steel.

Nail

Outer Diameter:

Size (mm)	9	10	11	12	13
Distal End Dia (mm)	13	13	13	13	13
Shaft Dia (mm)	9	10	11	12	13

Inner Diameter:

4.2 mm for all nails. It can allow the Guide Wire with Ball Tip 3.0X1000 mm (Shaft Diameter 3.0 mm, Ball Tip Diameter 4.0 mm) to pass through.

Lengths:

- SHORT Nail Version: 180 / 200 mm
- LONG Nail Version: 225 to 425 mm, in 25 mm increments

Direction:

Universal for left and right indications

Cannulation:

All nails are cannulated

Locking Screws 5.0 mm

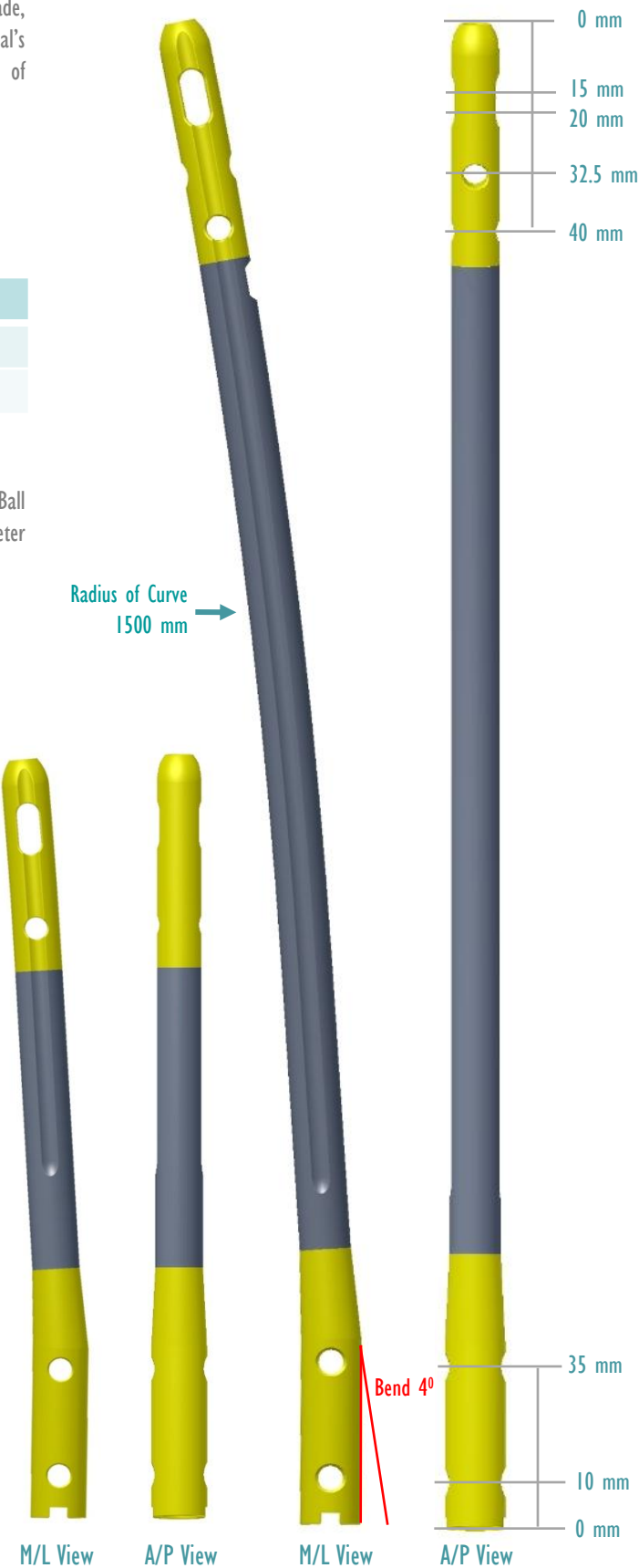
Lengths:

- 30 mm to 80 mm (2 mm increments)
- 85 mm to 100 mm (5 mm increments)

Note: Screw length is measured from top of head to tip

Design:

- 4.0 mm core diameter
- Stardrive T25 recess
- Fully threaded
- Self-tapping, blunt tip



Technical Specifications

Condyle Screws 5.0 mm, cannulated

Lengths:

40 mm to 90 mm (5 mm increments)

Note: Screw length is measured from top of head to tip

Inner Diameter:

3.1 mm. It can allow K-wire 3.0 mm to pass through.



Condyle Nut



Lengths:

17 mm

End Cap



Sizes:

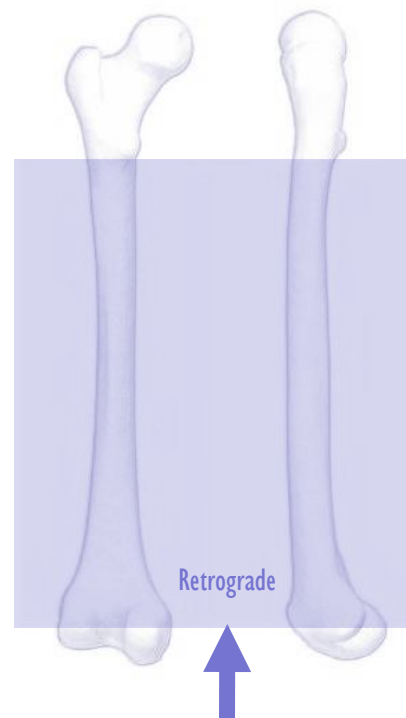
0 mm, 5 mm, 10 mm, 15 mm

Design:

Stardrive T25 recess

Indications

- Open and closed femoral fractures
- Pseudo-arthritis and correction osteotomy
- Pathologic fractures, impending pathologic fractures, and tumor resections
- Supracondylar fractures, including those with intra-articular extension
- Nonunions and malunions



Locking Options — SHORT Nails

Locking Mode

for Distal Condyle Screws 5.0 & Proximal Locking Screws 5.0



Locking Mode

for Distal Locking Screws 5.0 & Proximal Locking Screws 5.0



Locking Options — LONG Nails

Locking Mode

for Distal Condyle Screws 5.0 & Proximal Locking Screws 5.0



Locking Mode

for Distal Locking Screws 5.0 & Proximal Locking Screws 5.0



IMPLANT INFORMATION

AMATOLA™ SCN Retrograde Nail, SHORT



REF (TIT)	DIA mm	LENGTH mm
MOI 31450180	9.0	180
MOI 31450200	9.0	200
MOI 31451180	10.0	180
MOI 31451200	10.0	200
MOI 31452180	11.0	180
MOI 31452200	11.0	200
MOI 31453180	12.0	180
MOI 31453200	12.0	200
MOI 31454180	13.0	180
MOI 31454200	13.0	200

AMATOLATM SCN Retrograde Nail, LONG



REF (TIT)	DIA mm	LENGTH mm
MOI 31450225	9.0	225
MOI 31450250	9.0	250
MOI 31450275	9.0	275
MOI 31450300	9.0	300
MOI 31450325	9.0	325
MOI 31450350	9.0	350
MOI 31450375	9.0	375
MOI 31450400	9.0	400
MOI 31450425	9.0	425
MOI 31450450	9.0	450
MOI 31451225	10.0	225
MOI 31451250	10.0	250
MOI 31451275	10.0	275
MOI 31451300	10.0	300
MOI 31451325	10.0	325
MOI 31451350	10.0	350
MOI 31451375	10.0	375
MOI 31451400	10.0	400
MOI 31451425	10.0	425
MOI 31451450	10.0	450
MOI 31452225	11.0	225
MOI 31452250	11.0	250
MOI 31452275	11.0	275
MOI 31452300	11.0	300
MOI 31452325	11.0	325
MOI 31452350	11.0	350
MOI 31452375	11.0	375
MOI 31452400	11.0	400
MOI 31452425	11.0	425
MOI 31452450	11.0	450
MOI 31453225	12.0	225
MOI 31453250	12.0	250
MOI 31453275	12.0	275
MOI 31453300	12.0	300
MOI 31453325	12.0	325
MOI 31453350	12.0	350
MOI 31453375	12.0	375
MOI 31453400	12.0	400
MOI 31453425	12.0	425
MOI 31453450	12.0	450
MOI 31454225	13.0	225
MOI 31454250	13.0	250
MOI 31454275	13.0	275
MOI 31454300	13.0	300
MOI 31454325	13.0	325
MOI 31454350	13.0	350
MOI 31454375	13.0	375
MOI 31454400	13.0	400
MOI 31454425	13.0	425
MOI 31454450	13.0	450

Condyle Screw 5.0 mm, cannulated



REF (TIT)	DIA mm	LENGTH mm
MOI 31525040	5.0	40
MOI 31525045	5.0	45
MOI 31525050	5.0	50
MOI 31525055	5.0	55
MOI 31525060	5.0	60
MOI 31525065	5.0	65
MOI 31525070	5.0	70
MOI 31525075	5.0	75
MOI 31525080	5.0	80
MOI 31525085	5.0	85
MOI 31525090	5.0	90

Condyle Nut



REF (TIT)	LENGTH mm
MOI 31713017	17

IMPLANT INFORMATION



Locking Screw 5.0 mm

REF (TIT)	DIA mm	LENGTH mm
MOI 31520030	5.0	30
MOI 31520032	5.0	32
MOI 31520034	5.0	34
MOI 31520036	5.0	36
MOI 31520038	5.0	38
MOI 31520040	5.0	40
MOI 31520042	5.0	42
MOI 31520044	5.0	44
MOI 31520046	5.0	46
MOI 31520048	5.0	48
MOI 31520050	5.0	50
MOI 31520052	5.0	52
MOI 31520054	5.0	54
MOI 31520056	5.0	56
MOI 31520058	5.0	58
MOI 31520060	5.0	60
MOI 31520062	5.0	62
MOI 31520064	5.0	64
MOI 31520066	5.0	66
MOI 31520068	5.0	68
MOI 31520070	5.0	70
MOI 31520072	5.0	72
MOI 31520074	5.0	74
MOI 31520076	5.0	76
MOI 31520078	5.0	78
MOI 31520080	5.0	80
MOI 31520085	5.0	85
MOI 31520090	5.0	90
MOI 31520095	5.0	95
MOI 31520100	5.0	100



AMATOLA™ End Cap

REF (TIT)	LENGTH mm
MOI 31718000	0
MOI 31718005	5
MOI 31718010	10
MOI 31718015	15



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