

ALPSTM

Universal Femur Nailing System



INTRODUCTION

ALPS™ Universal Femur Nailing System permits an intramedullary approach for the fixation of fractures of the proximal and shaft femur. The system consists of a series of cannulated short nails, cannulated long nails, cannulated end caps, and locking bolts and screws. The system provides two proximal locking options: Standard locking and Reconstruction locking.

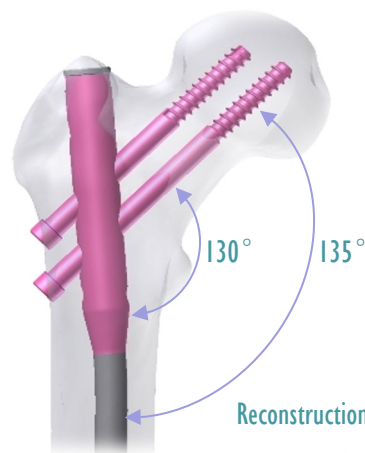
A major advantage of the system is the ability to insert both proximal and distal locking screws accurately and quickly without the use of X-rays, using an external mechanical targeting device.

Features and Benefits

- Minimal invasive technique and biomechanical stability allow early functional exercise.
- Multiple locking options for proximal locking.
- Accurate and fast mechanical aiming device for proximal and distal locking.
- A locking screw of a smooth shank configuration is much stronger for a given diameter than a fully threaded screw.
- All of the implants are available in Titanium Alloy and Stainless Steel.
- The nails and locking screws are color coded for easy identification.



Standard locking



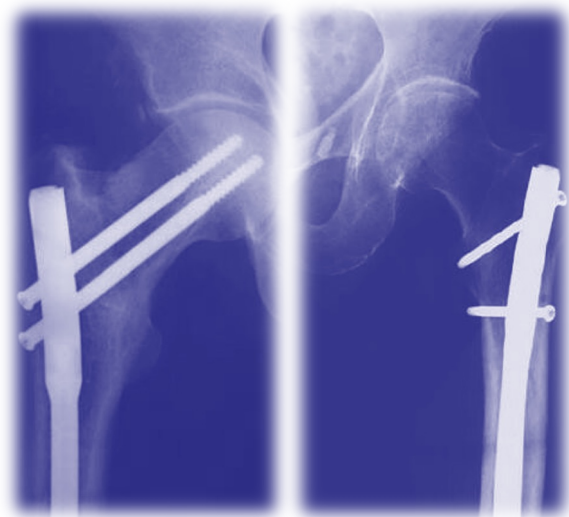
Reconstruction locking

Indications

ALPS™ Universal Femur Nailing System with standard proximal locking is indicated for fractures in the femoral shaft. Nail with reconstruction proximal locking is indicated for fractures in the femoral shaft in case of combination with femoral neck fractures, and for fractures in the subtrochanteric section additionally.

The indications for intramedullary locked nailing include:

1. Subtrochanteric fractures
2. Pertrochanteric fractures associated with shaft fractures
3. Pathologic fractures in both trochanteric and diaphyseal areas
4. Proximal or distal non-unions and malunions



IMPLANT INFORMATION



End Cap, for ALPST™ Femur Nail

REF (SS)	REF (TIT)	SIZE (mm)
MOI 11705000	MOI 31705000	2



ALPST™ Universal Femur Nail, Cannulated, SHORT

REF (SS)	REF (TIT)	DIA (mm)	LEN (mm)
MOI 11319180	MOI 31319180	9.0	180
MOI 11319200	MOI 31319200	9.0	200
MOI 11319220	MOI 31319220	9.0	220
MOI 11319240	MOI 31319240	9.0	240
MOI 11320180	MOI 31320180	10.0	180
MOI 11320200	MOI 31320200	10.0	200
MOI 11320220	MOI 31320220	10.0	220
MOI 11320240	MOI 31320240	10.0	240
MOI 11321180	MOI 31321180	11.0	180
MOI 11321200	MOI 31321200	11.0	200
MOI 11321220	MOI 31321220	11.0	220
MOI 11321240	MOI 31321240	11.0	240
MOI 11322180	MOI 31322180	12.0	180
MOI 11322200	MOI 31322200	12.0	200
MOI 11322220	MOI 31322220	12.0	220
MOI 11322240	MOI 31322240	12.0	240



Locking Bolt 6.4 mm, for ALPST™ Femur Nail

REF (SS)	REF (TIT)	DIA (mm)	LEN (mm)
MOI 11506060	MOI 31506060	6.4	60
MOI 11506065	MOI 31506065	6.4	65
MOI 11506070	MOI 31506070	6.4	70
MOI 11506075	MOI 31506075	6.4	75
MOI 11506080	MOI 31506080	6.4	80
MOI 11506085	MOI 31506085	6.4	85
MOI 11506090	MOI 31506090	6.4	90
MOI 11506095	MOI 31506095	6.4	95
MOI 11506100	MOI 31506100	6.4	100



Locking Screw 4.0 mm

REF (SS)	REF (TIT)	DIA (mm)	LEN (mm)
MOI 11501030	MOI 31501030	4.0	30
MOI 11501035	MOI 31501035	4.0	35
MOI 11501040	MOI 31501040	4.0	40
MOI 11501045	MOI 31501045	4.0	45
MOI 11501050	MOI 31501050	4.0	50
MOI 11501055	MOI 31501055	4.0	55
MOI 11501060	MOI 31501060	4.0	60
MOI 11501065	MOI 31501065	4.0	65
MOI 11501070	MOI 31501070	4.0	70

ALPST™ Universal Femur Nail, Cannulated, LONG, LEFT



REF (SS)	REF (TIT)	DIA (mm)	LEN (mm)
MOI 11322320	MOI 31322320	9.0	320
MOI 11322340	MOI 31322340	9.0	340
MOI 11322360	MOI 31322360	9.0	360
MOI 11322380	MOI 31322380	9.0	380
MOI 11322400	MOI 31322400	9.0	400
MOI 11322420	MOI 31322420	9.0	420
MOI 11324320	MOI 31324320	10.0	320
MOI 11324340	MOI 31324340	10.0	340
MOI 11324360	MOI 31324360	10.0	360
MOI 11324380	MOI 31324380	10.0	380
MOI 11324400	MOI 31324400	10.0	400
MOI 11324420	MOI 31324420	10.0	420
MOI 11326320	MOI 31326320	11.0	320
MOI 11326340	MOI 31326340	11.0	340
MOI 11326360	MOI 31326360	11.0	360
MOI 11326380	MOI 31326380	11.0	380
MOI 11326400	MOI 31326400	11.0	400
MOI 11326420	MOI 31326420	11.0	420
MOI 11328320	MOI 31328320A	12.0	320
MOI 11328340	MOI 31328340A	12.0	340
MOI 11328360	MOI 31328360A	12.0	360
MOI 11328380	MOI 31328380A	12.0	380
MOI 11328400	MOI 31328400A	12.0	400
MOI 11328420	MOI 31328420A	12.0	420



ALPST™ Universal Femur Nail, Cannulated, LONG, RIGHT

REF (SS)	REF (TIT)	DIA (mm)	LEN (mm)
MOI 11323320	MOI 31323320	9.0	320
MOI 11323340	MOI 31323340	9.0	340
MOI 11323360	MOI 31323360	9.0	360
MOI 11323380	MOI 31323380	9.0	380
MOI 11323400	MOI 31323400	9.0	400
MOI 11323420	MOI 31323420	9.0	420
MOI 11325320	MOI 31325320	10.0	320
MOI 11325340	MOI 31325340	10.0	340
MOI 11325360	MOI 31325360	10.0	360
MOI 11325380	MOI 31325380	10.0	380
MOI 11325400	MOI 31325400	10.0	400
MOI 11325420	MOI 31325420	10.0	420
MOI 11327320	MOI 31327320	11.0	320
MOI 11327340	MOI 31327340	11.0	340
MOI 11327360	MOI 31327360	11.0	360
MOI 11327380	MOI 31327380	11.0	380
MOI 11327400	MOI 31327400	11.0	400
MOI 11327420	MOI 31327420	11.0	420
MOI 11329320	MOI 31329320A	12.0	320
MOI 11329340	MOI 31329340A	12.0	340
MOI 11329360	MOI 31329360A	12.0	360
MOI 11329380	MOI 31329380A	12.0	380
MOI 11329400	MOI 31329400A	12.0	400
MOI 11329420	MOI 31329420A	12.0	420



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