



Zimmer® ITST™
Intertrochanteric/
Subtrochanteric
Fixation
IM Nail System

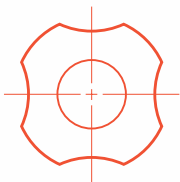


The functional fit



ITST Nail - The Functional Fit

The *ITST* Intramedullary Nail System is designed to treat unstable, comminuted, proximal fractures of the femur, specifically, the intertrochanteric and subtrochanteric regions. The *ITST* design is truly versatile in offering the combined features of intramedullary nail and hip screw systems.



Distal Implant Stability

- Four-pointed cross-section of the distal implants maintains distinct contact with the cortical rim of the bone, which enhances fixation.
- Distal static hole and dynamic 7mm slot provide for multiple distal nail fixation options.

Form Follows Function

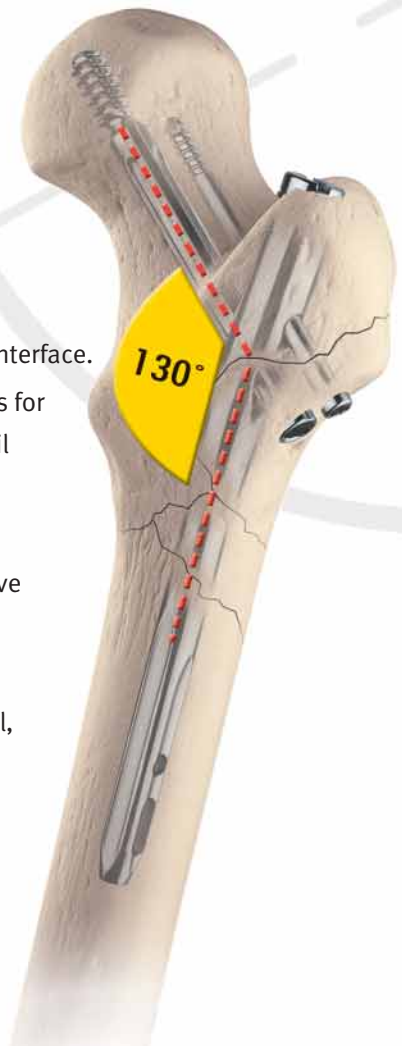
- Natural head/neck angle of 130°, combined with 15° of screw hole anteversion, allows for accurate placement of the *ITST* Lag Screw within the femoral neck and head.

Natural Proximal Geometry

- Construct is a high strength stainless steel alloy, 22-13-5, which allows the implant more design freedom, while maintaining adequate implant strength.
- Proximal geometry features a bone conserving diameter of 16.5mm.
- Accommodates an 11mm Lag Screw, providing a high level of proximal bone-implant interface.
- The height of the proximal nail diameter combined with a short transition region allows for easy insertion of the Lag Screw across the femoral neck, without the concern of the nail sitting too proud or too deep in the bone.

True Anatomic Design

- Proximal design features an anatomic 5° Lateral Bend, which allows for the less invasive trochanteric starting point to be utilized.
- Inserted into the femoral head at 130°, the most common angle used in gliding nails.
- 15° anteversion of the proximal holes for easier passage of the nail down the femoral canal, and simpler distal freehand targeting.
- Range of distal diameters improves anatomic fit.



ITST Global Long Nail

- Long *ITST* Nails are available in 10mm to 14mm diameters (in 1mm increments) and 30-50cm lengths (in 2cm increments), to help ensure proper patient/implant fit.
- 75-inch anterior bow accommodates most patient anatomies.

ITST Global Short and Asian Nails

- Available in diameters from 10mm to 15mm (in 1mm increments) and 18cm length, to accommodate most patient anatomies.
- Universal in design, therefore no left and right implants are required, reducing inventory requirements.



Neutral Nail Cap

Available in 5 heights, the Neutral Nail Cap limits proximal bony ingrowth, while allowing rotation and sliding. May be used with Anti-Rotation Screw.

Sliding Nail Cap

Available in 5 heights, and engages the Lag Screw groove to allow sliding for fracture collapse, while limiting rotation of the fracture fragments.

Locking Nail Cap

Available in 5 heights, and locks in the Lag Screw groove to prevent sliding and rotation where added construct stability is required.



Anti-Rotation Screw

- 6.5mm diameter Anti-Rotation Screw is available in 60-110mm lengths, in 5mm increments.

ITST Lag Screw

- J-shaped Lag Screw flute design allows the screw to be inserted easily into most types of bone.
- 11mm diameter Lag Screw is available in lengths from 70mm to 120mm, in 5mm increments.
- Distinctive style Lag Screw threads provide for maximum bone-to-implant interface, enhancing fixation.

ITST Implant Ordering Information

Prod. No.	Description	Size
00-2257-000-07	ITST Asia Set (contains the following)	
00-2256-180-10	Univ L/R Fem IM Nail	10mmDX18cm
00-2256-180-11	Univ L/R Fem IM Nail	11mmDX18cm
00-2256-180-12	Univ L/R Fem IM Nail	12mmDX18cm
00-2256-180-13	Univ L/R Fem IM Nail	13mmDX18cm
00-2256-180-14	Univ L/R Fem IM Nail	14mmDX18cm
00-2256-180-15	Univ L/R Fem IM Nail	15mmDX18cm
00-2257-000-05	ITST Global Short Set (contains the following)	
00-2257-180-10	Univ L/R Fem IM Nail	10mmDX18cm
00-2257-180-11	Univ L/R Fem IM Nail	11mmDX18cm
00-2257-180-12	Univ L/R Fem IM Nail	12mmDX18cm
00-2257-180-13	Univ L/R Fem IM Nail	13mmDX18cm
00-2257-180-14	Univ L/R Fem IM Nail	14mmDX18cm
00-2257-180-15	Univ L/R Fem IM Nail	15mmDX18cm
00-2257-000-06	ITST Global Long Set (contains the following)	
00-2257-300-00	Left Fem IM Nail	10mmDX30cm
00-2257-300-01	Left Fem IM Nail	11mmDX30cm
00-2257-300-02	Left Fem IM Nail	12mmDX30cm
00-2257-300-03	Left Fem IM Nail	13mmDX30cm
00-2257-300-04	Left Fem IM Nail	14mmDX30cm
00-2257-300-10	Right Fem IM Nail	10mmDX30cm
00-2257-300-11	Right Fem IM Nail	11mmDX30cm
00-2257-300-12	Right Fem IM Nail	12mmDX30cm
00-2257-300-13	Right Fem IM Nail	13mmDX30cm
00-2257-300-14	Right Fem IM Nail	14mmDX30cm
00-2257-320-00	Left Fem IM Nail	10mmDX32cm
00-2257-320-01	Left Fem IM Nail	11mmDX32cm
00-2257-320-02	Left Fem IM Nail	12mmDX32cm
00-2257-320-03	Left Fem IM Nail	13mmDX32cm
00-2257-320-04	Left Fem IM Nail	14mmDX32cm
00-2257-320-10	Right Fem IM Nail	10mmDX32cm
00-2257-320-11	Right Fem IM Nail	11mmDX32cm
00-2257-320-12	Right Fem IM Nail	12mmDX32cm
00-2257-320-13	Right Fem IM Nail	13mmDX32cm
00-2257-320-14	Right Fem IM Nail	14mmDX32cm
00-2257-340-00	Left Fem IM Nail	10mmDX34cm
00-2257-340-01	Left Fem IM Nail	11mmDX34cm
00-2257-340-02	Left Fem IM Nail	12mmDX34cm
00-2257-340-03	Left Fem IM Nail	13mmDX34cm
00-2257-340-04	Left Fem IM Nail	14mmDX34cm
00-2257-340-10	Right Fem IM Nail	10mmDX34cm
00-2257-340-11	Right Fem IM Nail	11mmDX34cm
00-2257-340-12	Right Fem IM Nail	12mmDX34cm
00-2257-340-13	Right Fem IM Nail	13mmDX34cm
00-2257-340-14	Right Fem IM Nail	14mmDX34cm
00-2257-360-00	Left Fem IM Nail	10mmDX36cm
00-2257-360-01	Left Fem IM Nail	11mmDX36cm
00-2257-360-02	Left Fem IM Nail	12mmDX36cm
00-2257-360-03	Left Fem IM Nail	13mmDX36cm
00-2257-360-04	Left Fem IM Nail	14mmDX36cm
00-2257-360-10	Right Fem IM Nail	10mmDX36cm
00-2257-360-11	Right Fem IM Nail	11mmDX36cm
00-2257-360-12	Right Fem IM Nail	12mmDX36cm
00-2257-360-13	Right Fem IM Nail	13mmDX36cm
00-2257-360-14	Right Fem IM Nail	14mmDX36cm
00-2257-380-00	Left Fem IM Nail	10mmDX38cm
00-2257-380-01	Left Fem IM Nail	11mmDX38cm
00-2257-380-02	Left Fem IM Nail	12mmDX38cm
00-2257-380-03	Left Fem IM Nail	13mmDX38cm
00-2257-380-04	Left Fem IM Nail	14mmDX38cm
00-2257-380-10	Right Fem IM Nail	10mmDX38cm
00-2257-380-11	Right Fem IM Nail	11mmDX38cm
00-2257-380-12	Right Fem IM Nail	12mmDX38cm
00-2257-380-13	Right Fem IM Nail	13mmDX38cm
00-2257-380-14	Right Fem IM Nail	14mmDX38cm
00-2257-400-00	Left Fem IM Nail	10mmDX40cm
00-2257-400-01	Left Fem IM Nail	11mmDX40cm
00-2257-400-02	Left Fem IM Nail	12mmDX40cm
00-2257-400-03	Left Fem IM Nail	13mmDX40cm
00-2257-400-04	Left Fem IM Nail	14mmDX40cm
00-2257-400-10	Right Fem IM Nail	10mmDX40cm
00-2257-400-11	Right Fem IM Nail	11mmDX40cm
00-2257-400-12	Right Fem IM Nail	12mmDX40cm
00-2257-400-13	Right Fem IM Nail	13mmDX40cm
00-2257-400-14	Right Fem IM Nail	14mmDX40cm
00-2257-420-00	Left Fem IM Nail	10mmDX42cm

Prod. No.	Description	Size
00-2257-420-01	Left Fem IM Nail	11mmDX42cm
00-2257-420-02	Left Fem IM Nail	12mmDX42cm
00-2257-420-03	Left Fem IM Nail	13mmDX42cm
00-2257-420-04	Left Fem IM Nail	14mmDX42cm
00-2257-420-10	Right Fem IM Nail	0mmDX42cm
00-2257-420-11	Right Fem IM Nail	11mmDX42cm
00-2257-420-12	Right Fem IM Nail	12mmDX42cm
00-2257-420-13	Right Fem IM Nail	13mmDX42cm
00-2257-420-14	Right Fem IM Nail	14mmDX42cm
00-2257-440-00	Left Fem IM Nail	10mmDX44cm
00-2257-440-01	Left Fem IM Nail	11mmDX44cm
00-2257-440-02	Left Fem IM Nail	12mmDX44cm
00-2257-440-03	Left Fem IM Nail	13mmDX44cm
00-2257-440-04	Left Fem IM Nail	14mmDX44cm
00-2257-440-10	Right Fem IM Nail	10mmDX44cm
00-2257-440-11	Right Fem IM Nail	11mmDX44cm
00-2257-440-12	Right Fem IM Nail	12mmDX44cm
00-2257-440-13	Right Fem IM Nail	13mmDX44cm
00-2257-440-14	Right Fem IM Nail	14mmDX44cm
00-2257-460-00	Left Fem IM Nail	10mmDX46cm
00-2257-460-01	Left Fem IM Nail	11mmDX46cm
00-2257-460-02	Left Fem IM Nail	12mmDX46cm
00-2257-460-03	Left Fem IM Nail	13mmDX46cm
00-2257-460-04	Left Fem IM Nail	14mmDX46cm
00-2257-460-10	Right Fem IM Nail	10mmDX46cm
00-2257-460-11	Right Fem IM Nail	11mmDX46cm
00-2257-460-12	Right Fem IM Nail	12mmDX46cm
00-2257-460-13	Right Fem IM Nail	13mmDX46cm
00-2257-460-14	Right Fem IM Nail	14mmDX46cm
00-2257-480-00	Left Fem IM Nail	10mmDX48cm
00-2257-480-01	Left Fem IM Nail	11mmDX48cm
00-2257-480-02	Left Fem IM Nail	12mmDX48cm
00-2257-480-03	Left Fem IM Nail	13mmDX48cm
00-2257-480-04	Left Fem IM Nail	14mmDX48cm
00-2257-480-10	Right Fem IM Nail	10mmDX48cm
00-2257-480-11	Right Fem IM Nail	11mmDX48cm
00-2257-480-12	Right Fem IM Nail	12mmDX48cm
00-2257-480-13	Right Fem IM Nail	13mmDX48cm
00-2257-480-14	Right Fem IM Nail	14mmDX48cm
00-2257-500-00	Left Fem IM Nail	10mmDX50cm
00-2257-500-01	Left Fem IM Nail	11mmDX50cm
00-2257-500-02	Left Fem IM Nail	12mmDX50cm
00-2257-500-03	Left Fem IM Nail	13mmDX50cm
00-2257-500-04	Left Fem IM Nail	14mmDX50cm
00-2257-500-10	Right Fem IM Nail	10mmDX50cm
00-2257-500-11	Right Fem IM Nail	11mmDX50cm
00-2257-500-12	Right Fem IM Nail	12mmDX50cm
00-2257-500-13	Right Fem IM Nail	13mmDX50cm
00-2257-500-14	Right Fem IM Nail	14mmDX50cm
Nail Caps		
00-2259-007-00	ITST 1-Piece Slide Nail Cap	0mm
00-2259-007-05	ITST 1-Piece Slide Nail Cap	5mm
00-2259-007-10	ITST 1-Piece Slide Nail Cap	10mm
00-2259-007-15	ITST 1-Piece Slide Nail Cap	15mm
00-2259-007-20	ITST 1-Piece Slide Nail Cap	20mm
00-2259-008-00	ITST 1-Piece Lock Nail Cap	0mm
00-2259-008-05	ITST 1-Piece Lock Nail Cap	5mm
00-2259-008-10	ITST 1-Piece Lock Nail Cap	10mm
00-2259-008-15	ITST 1-Piece Lock Nail Cap	15mm
00-2259-008-20	ITST 1-Piece Lock Nail Cap	20mm
00-2259-009-00	ITST One-Piece NTRL Nail Cap	0mm
00-2259-009-05	ITST One-Piece NTRL Nail Cap	5mm
00-2259-009-10	ITST One-Piece NTRL Nail Cap	10mm
00-2259-009-15	ITST One-Piece NTRL Nail Cap	15mm
00-2259-009-20	ITST One-Piece NTRL Nail Cap	20mm
00-2257-000-09	Anti-Rotation Screws (contains the following)	
00-2257-060-65	ITST Anti-Rotate Screw	6.5mmDX60mm
00-2257-065-65	ITST Anti-Rotate Screw	6.5mmDX65mm
00-2257-070-65	ITST Anti-Rotate Screw	6.5mmDX70mm
00-2257-075-65	ITST Anti-Rotate Screw	6.5mmDX75mm
00-2257-080-65	ITST Anti-Rotate Screw	6.5mmDX80mm
00-2257-085-65	ITST Anti-Rotate Screw	6.5mmDX85mm
00-2257-090-65	ITST Anti-Rotate Screw	6.5mmDX90mm
00-2257-095-65	ITST Anti-Rotate Screw	6.5mmDX95mm
00-2257-100-65	ITST Anti-Rotate Screw	6.5mmDX100mm
00-2257-105-65	ITST Anti-Rotate Screw	6.5mmDX105mm
00-2257-110-65	ITST Anti-Rotate Screw	6.5mmDX110mm

Prod. No.	Description	Size
ITST Asia Lag Screws		
00-2256-002-27	Asia 1-Piece Lag Screw	11mm X 70mm
00-2256-002-30	Asia 1-Piece Lag Screw	11mm X 75mm
00-2256-002-32	Asia 1-Piece Lag Screw	11mm X 80mm
00-2256-002-35	Asia 1-Piece Lag Screw	11mm X 85mm
00-2256-002-37	Asia 1-Piece Lag Screw	11mm X 90mm
00-2256-002-40	Asia 1-Piece Lag Screw	11mm X 95mm
00-2256-002-42	Asia 1-Piece Lag Screw	11mm X 100mm
00-2256-002-45	Asia 1-Piece Lag Screw	11mm X 105mm
00-2256-002-47	Asia 1-Piece Lag Screw	11mm X 110mm
00-2256-002-50	Asia 1-Piece Lag Screw	11mm X 115mm
00-2256-002-52	Asia 1-Piece Lag Screw	11mm X 120mm
ITST STD Lag Screws		
00-2259-001-27	1-Piece Lag Screw	11mm X 70mm
00-2259-001-30	1-Piece Lag Screw	11mm X 75mm
00-2259-001-32	1-Piece Lag Screw	11mm X 80mm
00-2259-001-35	1-Piece Lag Screw	11mm X 85mm
00-2259-001-37	1-Piece Lag Screw	11mm X 90mm
00-2259-001-40	1-Piece Lag Screw	11mm X 95mm
00-2259-001-42	1-Piece Lag Screw	11mm X 100mm
00-2259-001-45	1-Piece Lag Screw	11mm X 105mm
00-2259-001-47	1-Piece Lag Screw	11mm X 110mm
00-2259-001-50	1-Piece Lag Screw	11mm X 115mm
00-2259-001-52	1-Piece Lag Screw	11mm X 120mm
Instruments		
Prod. No.	Description	
00-2258-000-00	ITST Instrument Set (contains the following)	
00-2237-042-01	Small Threaded Driver	
00-2237-043-00	Screwdriver 5mm HX HD	
00-2246-028-00	Recon Counterbore	
00-2255-013-00	T-Handle HX HD Scrdrvr 3.5 Hex	
00-2255-028-00	9/16in Pin Wrench (2)	
00-2255-060-00	M/DN Perc Trochanteric Reamer	
00-2258-050-00	ITST Tapered Reamer*	
00-2258-051-00	Locking Bolt (2)	
00-2258-051-01	Locking Bolt Extractor	
00-2258-051-02	Locking Bolt Inserter	
00-2258-052-01	ITST Targeting Guide*	
00-2258-053-00	Screw Position Outrigger	
00-2258-054-00	Threaded Guide Pin Bushing	
00-2258-056-00	Lag Screw Bushing	
00-2258-057-00	Cannulated Depth Gauge	
00-2258-058-00	Lag Screw Reamer	
00-2258-059-00	Lag Screw Tap	
00-2258-060-00	Insertor Link (2)	
00-2258-061-00	Lag Screw Insertor Shaft	
00-2258-062-00	Stop Assembly (2)	
00-2258-064-00	ITST Extractor Bolt	
00-2258-067-00	Threaded Guide Pin (3)	
00-2258-068-32	ITST Pin Bushing 3.2mm	
00-2258-068-37	ITST Drill Bushing 3.7mm	
00-2258-068-50	ITST Drill Bushing 5.0mm	
00-2258-068-80	ITST Screw Bushing 8.0mm (2)	
00-2258-069-37	ITST Drill 3.7mm	
00-2258-069-50	ITST Femoral Drill 5.0mm	
00-2258-071-45	ITST 4.5mm Screw Tap	
00-2258-072-00	ITST Screw Depth Gauge	
00-2258-074-00	ITST Nail Cap Insertor	
00-2258-076-00	Retaining Shaft (2)	
00-2258-077-00	Driver Extension	
00-2258-078-00	Extension Bolt (2)	
00-2258-080-00	ITST Instrument Case	
00-2258-090-00	ITST Cannula	
00-2258-091-00	ITST Centering Bushing	
00-2258-093-00	T-Handle	
00-2258-095-00	ITST Socket Drive	
00-2258-096-00	U-joint Sleeve	
00-5791-049-00	Screw Insertor/Extractor	
Optional Nail Cap Inserters		
00-2258-092-00	ITST One-Piece Nail Cap Insertor	
00-2258-092-01	ITST Linked Nail Cap Insertor	
00-2258-000-01	ITST Asia Instrument Set* (This set includes all instruments listed above in set 00-2258-000-00 with the exception of the two instruments noted with an asterisk. These two instruments are replaced with the following two instruments.)	
00-2258-050-01	ITST Asia Taper Reamer	
00-2258-052-02	ITST Asia Targeting Guide	
00-2258-097-00	ITST Lag Screw Compression Assembly	
00-2258-097-01	Compression Retainer (Replacement Part)	

Contact your Zimmer representative or visit us at www.zimmer.com

