

KONZEPT TIBIA

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NAILING SYSTEM



about us

Auxein Medical is an integrated, research based, orthopaedic Implants & Instruments manufacturing company, producing a wide range of quality, affordable generic implants, trusted by healthcare professionals and patients across geographies. It is the Company's constant endeavor to provide a wide basket of generic and innovator products that exceed the highest expectations of our customers in term of quality and safety. The company has world-class manufacturing unit established in India and serves customers in over 60 countries worldwide.

Our Achievements

US FDA 510K APPROVED •

(Locking Plates and Screws)

EC Certificate - Class IIa & IIb •

ISO 13485:2016 •

ISO 9001:2015 •

India FDA Approved •

GMP Certificate •

Orthopaedic Implants

INTRODUCTION

- INTRAMEDULLARY OSTEOSYNTHESIS OF TIBIA consists of:
- Implants (Intramedullary nail, Locking screws, end cap or compression screw).
- Instrument set for Implants Insertion and extraction.
- Instruction for use (surgical technique).

Intramedullary osteosynthesis of tibia provides stable fixation of tibia shaft fractures.

Indications:

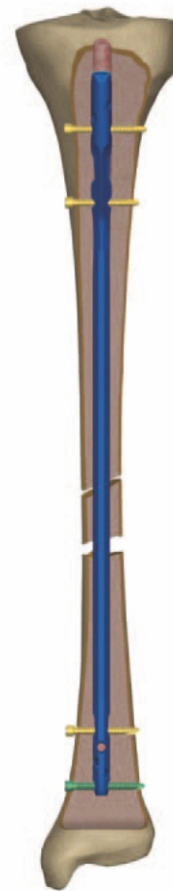
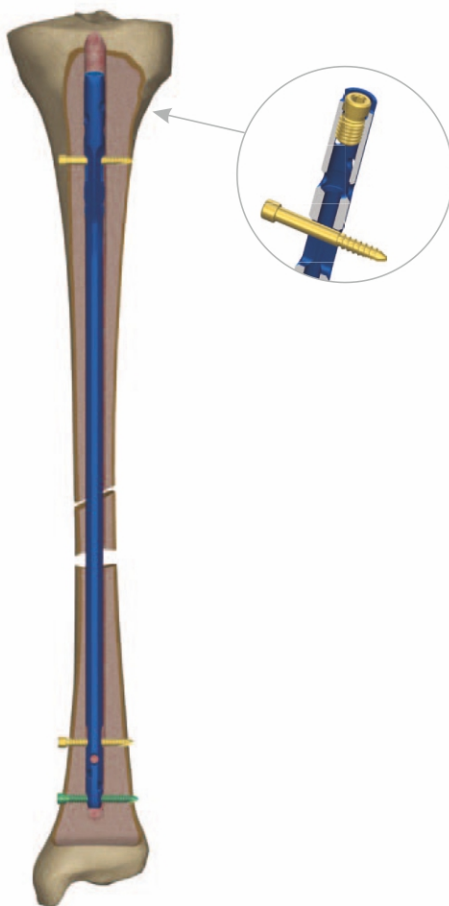
- Multi-fragmental fractures of the shaft of the tibia
- Tibia and fibula fractures.
- Fractures with knee ligaments injury.
- Tibia fractures with compartment syndrome.
- Open fractures I, II, IIIA degree by Gustillo-Anderson.
- Pathological fractures.
- Malunion of tibia shaft fractures treated with other methods.

Auxein Provides the following methods:

Stade Method

Static fixation is used in multi-fragmental fractures with bone fragments mal-alignment.

In the static fixation to lock the nail with the screws, two distal holes and two or all proximal holes should be used.



Dynamic Method

Dynamic fixation may be used in the case of good cortical contact of bone fragments in transversa or oblique fractures, and in false joints.

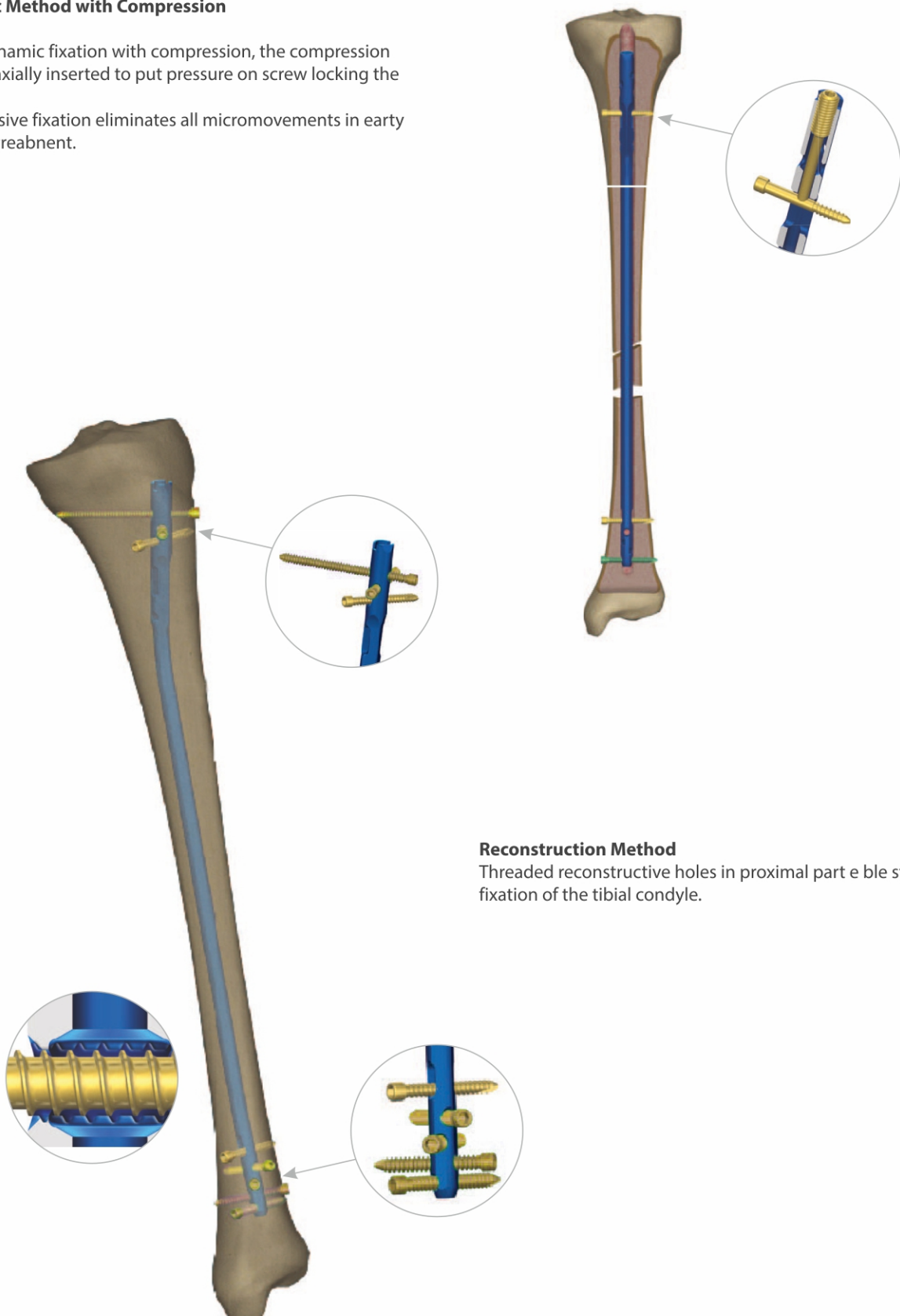
One oval shaped proximal and two distal holes of intramedullary nail should be used.

Dynamic fixation enables axial movements of bone fragments during the limb loading and stimulates creating bone scar and its reconstruction into the lamellar bone.

Dynamic Method with Compression

In the dynamic fixation with compression, the compression screw is axially inserted to put pressure on screw locking the nail.

Compressive fixation eliminates all micromovements in early stage of treatment.

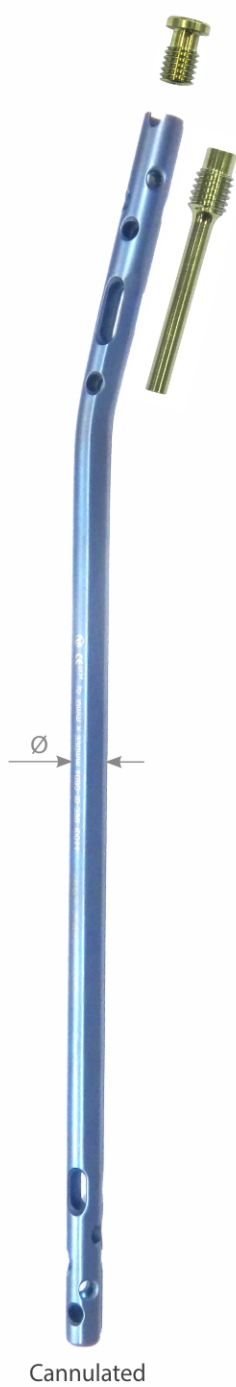


Reconstruction Method

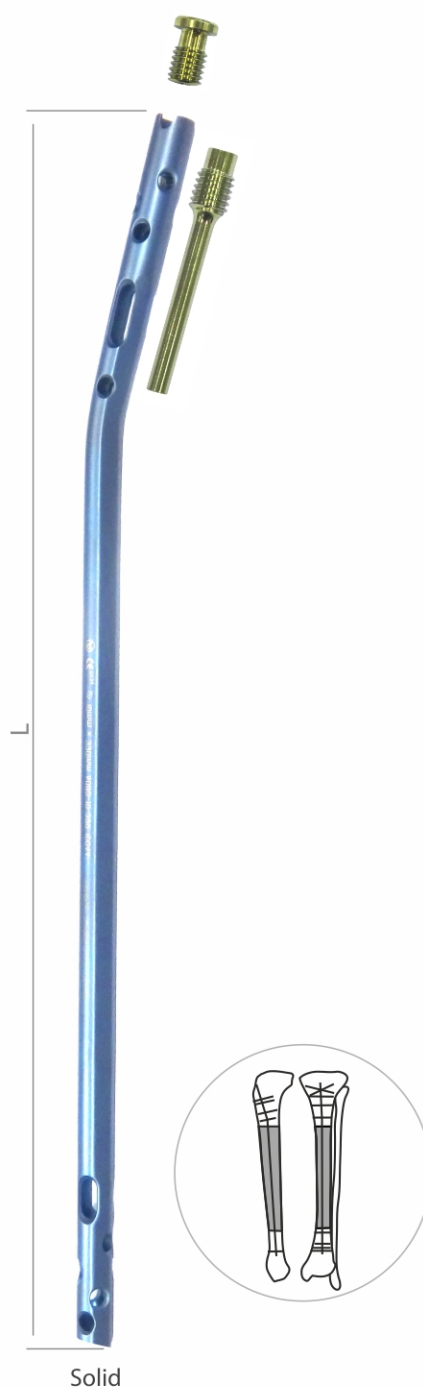
Threaded reconstructive holes in proximal part enable stable fixation of the tibial condyle.

Interlocking Tibia Nail

Interlocking Cannulated Tibia Nail



Interlocking Solid Tibia Nail



Cannulated

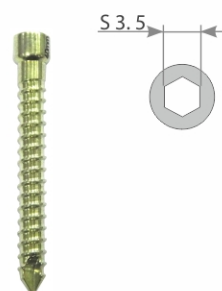
Solid


	Stainless Steel	Titanium	Dia x Length
Ø8mm	6080-8-270	TI-6080-8-270	Ø8mm x 270
	6080-8-285	TI-6080-8-285	Ø8mm x 285
	6080-8-300	TI-6080-8-300	Ø8mm x 300
	6080-8-315	TI-6080-8-315	Ø8mm x 315
	6080-8-330	TI-6080-8-330	Ø8mm x 330
	6080-8-345	TI-6080-8-345	Ø8mm x 345
	6080-8-360	TI-6080-8-360	Ø8mm x 360
	6080-8-375	TI-6080-8-375	Ø8mm x 375
	6080-8-390	TI-6080-8-390	Ø8mm x 390
Ø9mm	6080-9-270	TI-6080-9-270	Ø9mm x 270
	6080-9-285	TI-6080-9-285	Ø9mm x 285
	6080-9-300	TI-6080-9-300	Ø9mm x 300
	6080-9-315	TI-6080-9-315	Ø9mm x 315
	6080-9-330	TI-6080-9-330	Ø9mm x 330
	6080-9-345	TI-6080-9-345	Ø9mm x 345
	6080-9-360	TI-6080-9-360	Ø9mm x 360
	6080-9-375	TI-6080-9-375	Ø9mm x 375
	6080-9-390	TI-6080-9-390	Ø9mm x 390
Ø10mm	6080-10-270	TI-6080-10-270	Ø10mm x 270
	6080-10-285	TI-6080-10-285	Ø10mm x 285
	6080-10-300	TI-6080-10-300	Ø10mm x 300
	6080-10-315	TI-6080-10-315	Ø10mm x 315
	6080-10-330	TI-6080-10-330	Ø10mm x 330
	6080-10-345	TI-6080-10-345	Ø10mm x 345
	6080-10-360	TI-6080-10-360	Ø10mm x 360
	6080-10-375	TI-6080-10-375	Ø10mm x 375
	6080-10-390	TI-6080-10-390	Ø10mm x 390
Ø11mm	6080-11-270	TI-6080-11-270	Ø11mm x 270
	6080-11-285	TI-6080-11-285	Ø11mm x 285
	6080-11-300	TI-6080-11-300	Ø11mm x 300
	6080-11-315	TI-6080-11-315	Ø11mm x 315
	6080-11-330	TI-6080-11-330	Ø11mm x 330
	6080-11-345	TI-6080-11-345	Ø11mm x 345
	6080-11-360	TI-6080-11-360	Ø11mm x 360
	6080-11-375	TI-6080-11-375	Ø11mm x 375
	6080-11-390	TI-6080-11-390	Ø11mm x 390
Ø12mm	6080-12-270	TI-6080-12-270	Ø12mm x 270
	6080-12-285	TI-6080-12-285	Ø12mm x 285
	6080-12-300	TI-6080-12-300	Ø12mm x 300
	6080-12-315	TI-6080-12-315	Ø12mm x 315
	6080-12-330	TI-6080-12-330	Ø12mm x 330
	6080-12-345	TI-6080-12-345	Ø12mm x 345
	6080-12-360	TI-6080-12-360	Ø12mm x 360
	6080-12-375	TI-6080-12-375	Ø12mm x 375
	6080-12-390	TI-6080-12-390	Ø12mm x 390

	Stainless Steel	Titanium	Dia x Length
Ø8mm	6080-8-270S	TI-6080-8-270S	Ø8mm x 270
	6080-8-285S	TI-6080-8-285S	Ø8mm x 285
	6080-8-300S	TI-6080-8-300S	Ø8mm x 300
	6080-8-315S	TI-6080-8-315S	Ø8mm x 315
	6080-8-330S	TI-6080-8-330S	Ø8mm x 330
	6080-8-345S	TI-6080-8-345S	Ø8mm x 345
	6080-8-360S	TI-6080-8-360S	Ø8mm x 360
	6080-8-375S	TI-6080-8-375S	Ø8mm x 375
	6080-8-390S	TI-6080-8-390S	Ø8mm x 390
Ø9mm	6080-9-270S	TI-6080-9-270S	Ø9mm x 270
	6080-9-285S	TI-6080-9-285S	Ø9mm x 285
	6080-9-300S	TI-6080-9-300S	Ø9mm x 300
	6080-9-315S	TI-6080-9-315S	Ø9mm x 315
	6080-9-330S	TI-6080-9-330S	Ø9mm x 330
	6080-9-345S	TI-6080-9-345S	Ø9mm x 345
	6080-9-360S	TI-6080-9-360S	Ø9mm x 360
	6080-9-375S	TI-6080-9-375S	Ø9mm x 375
	6080-9-390S	TI-6080-9-390S	Ø9mm x 390
Ø10mm	6080-10-270S	TI-6080-10-270S	Ø10mm x 270
	6080-10-285S	TI-6080-10-285S	Ø10mm x 285
	6080-10-300S	TI-6080-10-300S	Ø10mm x 300
	6080-10-315S	TI-6080-10-315S	Ø10mm x 315
	6080-10-330S	TI-6080-10-330S	Ø10mm x 330
	6080-10-345S	TI-6080-10-345S	Ø10mm x 345
	6080-10-360S	TI-6080-10-360S	Ø10mm x 360
	6080-10-375S	TI-6080-10-375S	Ø10mm x 375
	6080-10-390S	TI-6080-10-390S	Ø10mm x 390

4.5mm Locking Bolt For Interlocking Tibia Nail

Stainless Steel	Titanium
6001.30	TI-6001.30
6001.35	TI-6001.35
6001.40	TI-6001.40
6001.45	TI-6001.45
6001.50	TI-6001.50
6001.55	TI-6001.55
6001.60	TI-6001.60
6001.65	TI-6001.65
6001.70	TI-6001.70
6001.75	TI-6001.75
6001.80	TI-6001.80
6001.85	TI-6001.85
6001.90	TI-6001.90



End Cap For Interlocking Tibia Nail

Stainless Steel	Titanium
2109-0	TI-2109-0



Compression Screw For Interlocking Tibia Nail

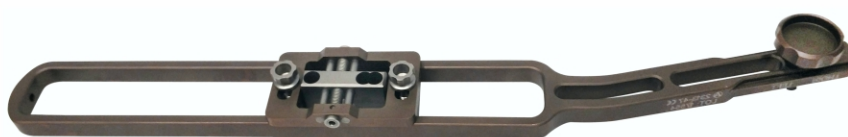
Stainless Steel	Titanium
2108-1.25	TI-2108-1.25



2313-46 Targeter arm B



2313-47 Distal targeter D



2313-48 Targeter B



2313-49 Universal Wrench S8



2313-50 Connecting screw M8 x 1.25 L-91



2313-51 Reconstruction Targeter



2313-52 Impactor-Extractor Rod



2313-53 Connector M8 x 1.25/M14



2313-54 Compression Screw



2313-21 Curved awl, 8.0mm



2313-23 Mallet



2313-15 Protective guide Ø9/6.5mm



2313-16 Drill guide Ø6.5/3.5mm



2313-17 Set block Ø9/4.5mm



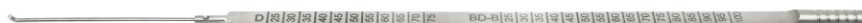
2313-18 Trocar, Ø6.5mm



2313-19 Drill guide, Ø6.5/4.5mm



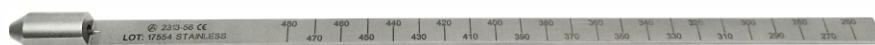
2313-20 Depth Gauge



2313-55 Hole depth measuring Device



2313-56 Nail length measuring Device



2313-41 Targeter D



2313-43 Trocar short Ø7mm



2313-42 Drill guide short Ø7/3.5mm



2313-28 Guide rod handle

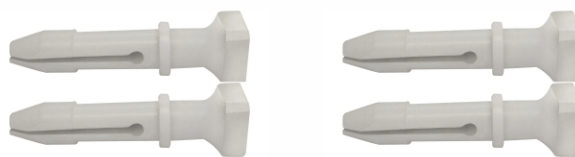


2313-57 Teflon pipe guide 8/400



2313-36

Aiming Insert Ø9.0mm


2313-58

Guide rod Ø2.5 x 580mm


2313-59

Screwdriver, Hex 3.5mm


2313-31

Drill with scale Ø3.5 x 250mm


2313-60

Drill Ø3.5 x 150mm


2313-40

Drill Ø4.5 x 250mm



2313-63

Instrument Trays for Konzept Tibia Nailing Instrument Set



2313-61

Sterilization Container for Konzept Tibia Nailing Instrument set



The image displays three views of the Angiath Instrument Set for Tibial Nerve. The top view shows the open case with various surgical instruments, including a large curved retractor, a C-clamp, a handle, and several smaller tools, all secured by blue foam blocks. The middle view shows the open case with more instruments, including several long, thin rods, a handle, and a small tool, also secured by blue foam blocks. The bottom view shows the closed case, which is white with a black handle and features the Angiath logo and the text 'INSTRUMENT SET FOR TIBIAL NERVE'.

2314-00 Konzept Tibia Nailing Instrument Set

Code	Set Consisting of	Units
2313-46	Targeter arm B	1
2313-47	Distal targeter D	1
2313-48	Targeter B	1
2313-49	Universal Wrench S8	1
2313-50	Connecting screw M8 x 1.25 L-91	1
2313-51	Reconstruction Targeter	1
2313-52	Impactor-Extractor Rod	1
2313-53	Connector M8 x 1.25/M14	1
2313-54	Compression Screw	1
2313-21	Curved awl, 8.0mm	1
2313-23	Mallet	1
2313-15	Protective guide Ø9/6.5mm	2
2313-16	Drill guide Ø6.5/3.5mm	2
2313-17	Set block Ø9/4.5mm	2
2313-18	Trocar, Ø6.5mm	1
2313-19	Drill guide, Ø6.5/4.5mm	1
2313-20	Depth Gauge	1
2313-55	Hole depth measuring Device	1
2313-56	Nail length measuring Device	1
2313-41	Targeter D	1
2313-43	Trocar short Ø7mm	1
2313-42	Drill guide short Ø7/3.5mm	1
2313-28	Guide rod handle	1
2313-57	Teflon pipe guide 8/400	1
2313-36	Aiming Insert Ø9.0mm	2
2313-58	Guide rod Ø2.5 x 580mm	1
2313-59	Screwdriver, Hex 3.5mm	1
2313-31	Drill with scale Ø3.5 x 250mm	2
2313-60	Drill Ø3.5 x 150mm	1
2313-40	Drill Ø4.5 x 250mm	1
2313-63	Instrument Trays for Konzept Tibia Nailing Instrument Set	2
2313-61	Sterilization Container for Konzept Tibia Nailing Instrument set	1



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