

KONZEPT TIBIA NAILING SYSTEM

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edition
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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 our innovator products that exceed the highest expectations of customers in term of quality and safety. The company has world-class manufacturing unit established in india and serves customers in over 75 countries worldwide.

Our Achievements



Orthopaedic Implants

INTRODUCTION

- Konzept Tibia Nailing System consists of:
- Implants (intramedullary nail, Locking screws, end cap or compression screw).
- Instrument set for Implants Insertion and extraction.

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

Indications:

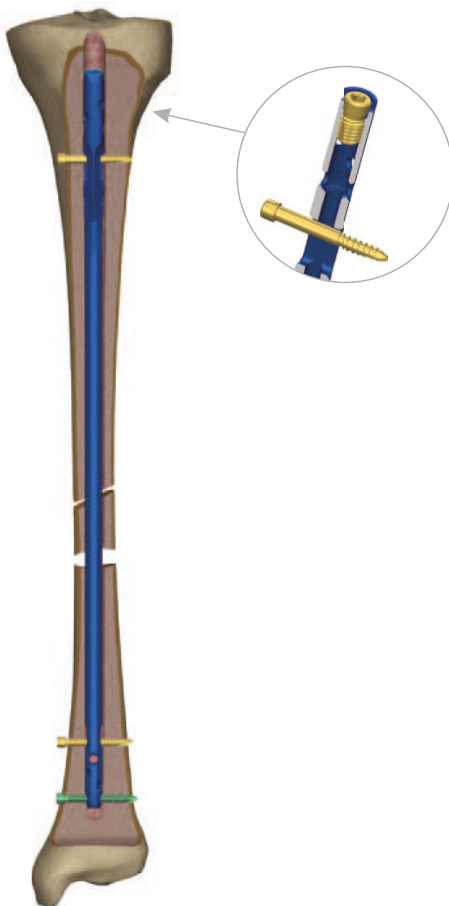
- Multi-fragmental fractures of the shaft of the tibia
- Tibia and fibula fractures.
- Fractures with knee ligaments injury.
- Tibia fractures with compartment syndrome.
- Pathological fractures.
- Malunion of tibia shaft fractures treated with other methods.

Auxein Provides the following methods:

Static 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 transverse or oblique fractures, and in false joints.

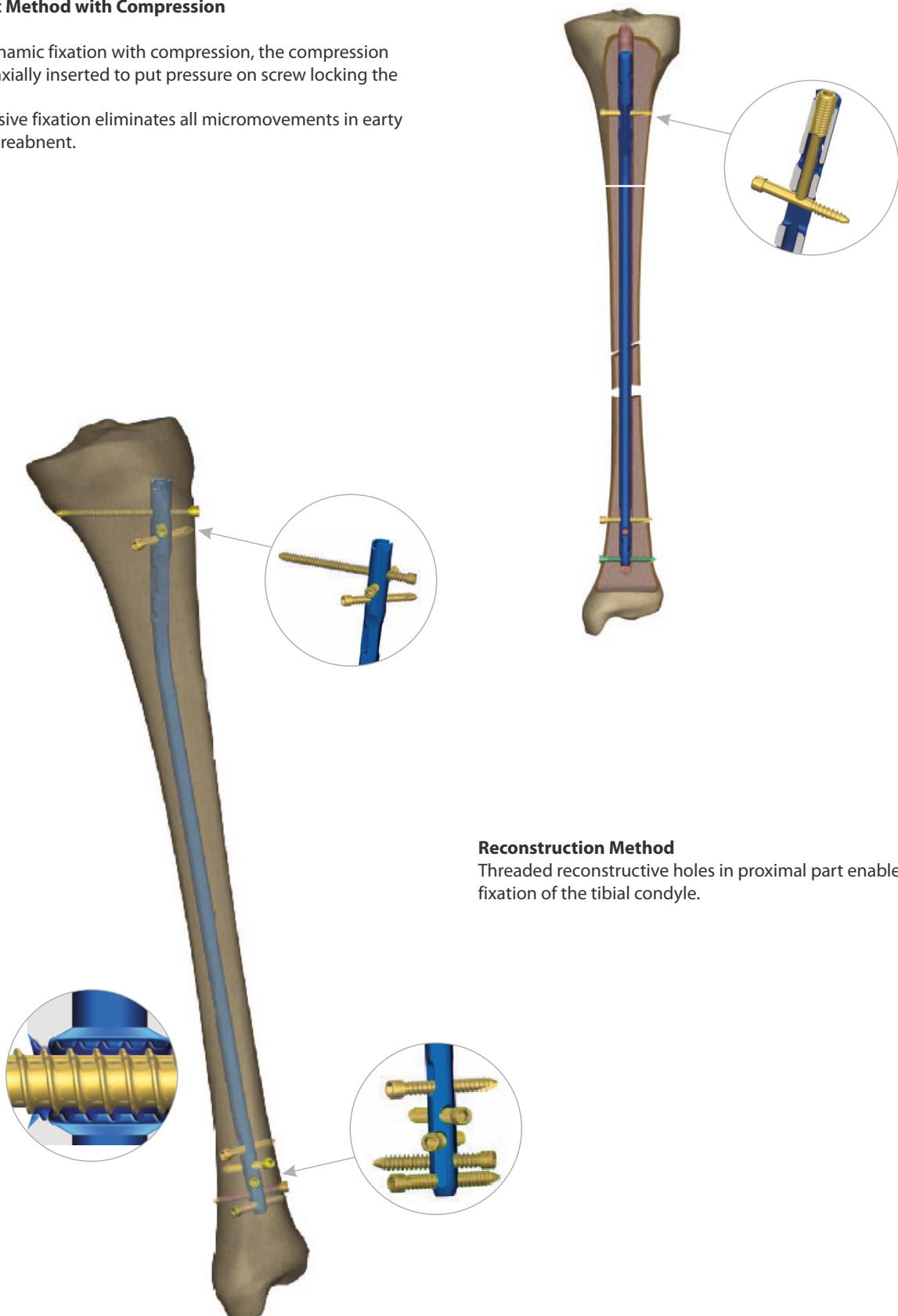
One oval shaped proximal and two distal holes of intramedullary nail should be used.

Dynamic fixation enables axial movements of bone fragments during the limb loading and stimulates creating bone scar and its reconstruction into the 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 Cannulated Tibia Nail

	Ø Dia	Length (mm)	Stainless Steel	Titanium
Ø8mm	8mm	270	6080-8-270	TI-6080-8-270
	8mm	285	6080-8-285	TI-6080-8-285
	8mm	300	6080-8-300	TI-6080-8-300
	8mm	315	6080-8-315	TI-6080-8-315
	8mm	330	6080-8-330	TI-6080-8-330
	8mm	345	6080-8-345	TI-6080-8-345
	8mm	360	6080-8-360	TI-6080-8-360
	8mm	375	6080-8-375	TI-6080-8-375
Ø9mm	9mm	270	6080-9-270	TI-6080-9-270
	9mm	285	6080-9-285	TI-6080-9-285
	9mm	300	6080-9-300	TI-6080-9-300
	9mm	315	6080-9-315	TI-6080-9-315
	9mm	330	6080-9-330	TI-6080-9-330
	9mm	345	6080-9-345	TI-6080-9-345
	9mm	360	6080-9-360	TI-6080-9-360
	9mm	375	6080-9-375	TI-6080-9-375
Ø10mm	10mm	270	6080-10-270	TI-6080-10-270
	10mm	285	6080-10-285	TI-6080-10-285
	10mm	300	6080-10-300	TI-6080-10-300
	10mm	315	6080-10-315	TI-6080-10-315
	10mm	330	6080-10-330	TI-6080-10-330
	10mm	345	6080-10-345	TI-6080-10-345
	10mm	360	6080-10-360	TI-6080-10-360
	10mm	375	6080-10-375	TI-6080-10-375
Ø11mm	11mm	270	6080-11-270	TI-6080-11-270
	11mm	285	6080-11-285	TI-6080-11-285
	11mm	300	6080-11-300	TI-6080-11-300
	11mm	315	6080-11-315	TI-6080-11-315
	11mm	330	6080-11-330	TI-6080-11-330
	11mm	345	6080-11-345	TI-6080-11-345
	11mm	360	6080-11-360	TI-6080-11-360
	11mm	375	6080-11-375	TI-6080-11-375
	11mm	390	6080-11-390	TI-6080-11-390



Ø12mm	Ø Dia	Length (mm)	Stainless Steel	Titanium
	12mm	270	6080-12-270	TI-6080-12-270
	12mm	285	6080-12-285	TI-6080-12-285
	12mm	300	6080-12-300	TI-6080-12-300
	12mm	315	6080-12-315	TI-6080-12-315
	12mm	330	6080-12-330	TI-6080-12-330
	12mm	345	6080-12-345	TI-6080-12-345
	12mm	360	6080-12-360	TI-6080-12-360
	12mm	375	6080-12-375	TI-6080-12-375
	12mm	390	6080-12-390	TI-6080-12-390

End Cap For Interlocking Cannulated Tibia Nail

Stainless Steel	Titanium
2109-0	TI-2109-0

0mm



Compression Screw For Interlocking Cannulated Tibia Nail

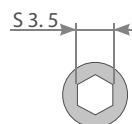
Stainless Steel	Titanium
2108-1.25	TI-2108-1.25



0mm

4.5mm Locking Bolt For Interlocking Cannulated Tibia Nail

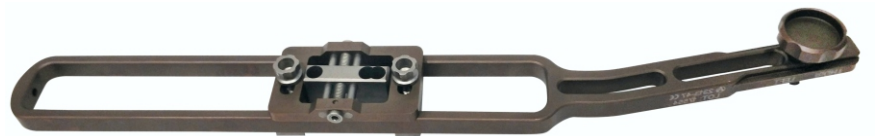
Length	Stainless Steel	Titanium
30mm	6001.30	TI-6001.30
35mm	6001.35	TI-6001.35
40mm	6001.40	TI-6001.40
45mm	6001.45	TI-6001.45
50mm	6001.50	TI-6001.50
55mm	6001.55	TI-6001.55
60mm	6001.60	TI-6001.60
65mm	6001.65	TI-6001.65
70mm	6001.70	TI-6001.70
75mm	6001.75	TI-6001.75
80mm	6001.80	TI-6001.80
85mm	6001.85	TI-6001.85
90mm	6001.90	TI-6001.90



7-100-01 Targeter Arm B for Konzept Tibia Nail



7-100-02 Distal Targeter D for Konzept Tibia Nail



7-100-03 Targeter B for Konzept Tibia Nail



7-100-04 Universal Wrench S8 for Konzept Tibia Nail



7-100-05 Connecting screw M8 x 1.25, Length 91mm, for Konzept Tibia Nail



7-100-06 Reconstruction Targeter for Konzept Tibia Nail



7-100-07 Impactor-Extractor Rod for Konzept Tibia Nail



7-100-08 Connector M8 x 1.25/M14, for Konzept Tibia Nail



7-100-09 Compression Screw for Konzept Tibia Nail



7-100-10 Curved Awl Ø8.0mm for Konzept Tibia Nail



7-100-11 Mallet for Konzept Tibia Nail for Konzept Tibia Nail



7-100-12 Protective Guide Ø9/6.5mm for Konzept Tibia Nail



7-100-13 Drill Guide Ø6.5/3.5mm for Konzept Tibia Nail



7-100-14 Set Block Ø9/4.5mm for Konzept Tibia Nail



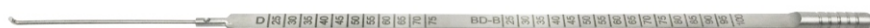
7-100-15 Trocar Ø6.5mm for Konzept Tibia Nail



7-100-16 Drill Guide Ø6.5/4.5mm for Konzept Tibia Nail



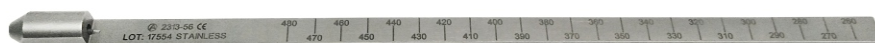
7-100-17 Depth Gauge for Konzept Tibia Nail



7-100-18 Hole Depth Measuring Device for Konzept Tibia Nail



7-100-19 Nail Length Measuring Device for Konzept Tibia Nail



7-100-20 Targeter D for Konzept Tibia Nail



7-100-21 Short Trocar Ø7mm for Konzept Tibia Nail



7-100-22 Drill Guide Short Ø7/3.5mm for Konzept Tibia Nail



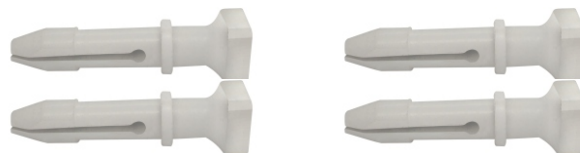
7-100-23 Guide Rod Handle for Konzept Tibia Nail



7-100-24 Teflon Pipe Guide 8/400mm for Konzept Tibia Nail



7-100-25 Aiming Insert Ø9.0mm for Konzept Tibia Nail



7-100-26 Guide Rod Ø2.5mm x Length 580mm for Konzept Tibia Nail



7-100-27 Screwdriver, Hex 3.5mm, for Konzept Tibia Nail



7-100-28 Drill with Scale Ø3.5mm x Length 250mm, for Konzept Tibia Nail



7-100-29 Drill Ø3.5mm x Length 150mm, for Konzept Tibia Nail



7-100-30 Drill Ø4.5mm x Length 250mm, for Konzept Tibia Nail



7-100-31

Instrument Trays for Konzept Tibia Nailing Instrument Set



7-106-01

Aluminium Sterilization Container, 560mm x 270mm x 150mm



The image displays three views of the Aurelin Instrument Set. The top view shows the instrument tray with various tools including a large metal frame, a handle, and several smaller components, all secured by blue foam blocks. The middle view shows the instrument tray with a different set of tools, including a long metal rod, a handle, and several smaller components, also secured by blue foam blocks. The bottom view shows the closed instrument case, which is a light gray plastic box with two circular ventilation fans on the lid and the Aurelin logo and text "INSTRUMENT SET PART 100A W/L" printed on the lid.

7-100 Konzept Tibia Nailing Instrument Set

Code	Set Consisting of	Units
7-100-01	Targeter Arm B for Konzept Tibia Nail	1
7-100-02	Distal Targeter D for Konzept Tibia Nail	1
7-100-03	Targeter B for Konzept Tibia Nail	1
7-100-04	Universal Wrench S8 for Konzept Tibia Nail	1
7-100-05	Connecting screw M8 x 1.25, Length 91mm, for Konzept Tibia Nail	1
7-100-06	Reconstruction Targeter for Konzept Tibia Nail	1
7-100-07	Impactor-Extractor Rod for Konzept Tibia Nail	1
7-100-08	Connector M8 x 1.25/M14, for Konzept Tibia Nail	1
7-100-09	Compression Screw for Konzept Tibia Nail	1
7-100-10	Curved Awl Ø8.0mm for Konzept Tibia Nail	1
7-100-11	Mallet for Konzept Tibia Nail for Konzept Tibia Nail	1
7-100-12	Protective Guide Ø9/6.5mm for Konzept Tibia Nail	2
7-100-13	Drill Guide Ø6.5/3.5mm for Konzept Tibia Nail	2
7-100-14	Set Block Ø9/4.5mm for Konzept Tibia Nail	2
7-100-15	Trocar Ø6.5mm for Konzept Tibia Nail	1
7-100-16	Drill Guide Ø6.5/4.5mm for Konzept Tibia Nail	1
7-100-17	Depth Gauge for Konzept Tibia Nail	1
7-100-18	Hole Depth Measuring Device for Konzept Tibia Nail	1
7-100-19	Nail Length Measuring Device for Konzept Tibia Nail	1
7-100-20	Targeter D for Konzept Tibia Nail	1
7-100-21	Short Trocar Ø7mm for Konzept Tibia Nail	1
7-100-22	Drill Guide Short Ø7/3.5mm for Konzept Tibia Nail	1
7-100-23	Guide Rod Handle for Konzept Tibia Nail	1
7-100-24	Teflon Pipe Guide 8/400mm for Konzept Tibia Nail	1
7-100-25	Aiming Insert Ø9.0mm for Konzept Tibia Nail	2
7-100-26	Guide Rod Ø2.5mm x Length 580mm for Konzept Tibia Nail	1
7-100-27	Screwdriver, Hex 3.5mm, for Konzept Tibia Nail	1
7-100-28	Drill with Scale Ø3.5mm x Length 250mm, for Konzept Tibia Nail	2
7-100-29	Drill Ø3.5mm x Length 150mm, for Konzept Tibia Nail	1
7-100-30	Drill Ø4.5mm x Length 250mm, for Konzept Tibia Nail	1
7-100-31	Instrument Trays for Konzept Tibia Nailing Instrument Set	2
7-106-01	Aluminium Sterilization Container, 560mm x 270mm x 150mm	1



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