

# KONZEPT TIBIA NAILING SYSTEM

## KONZEPT TIBIA 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 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:

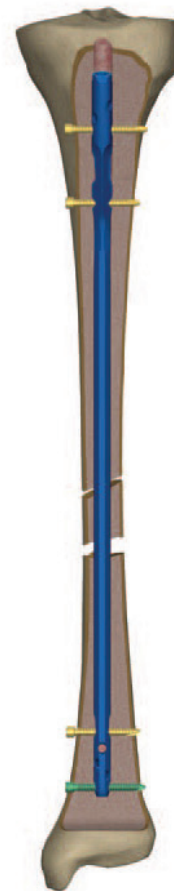
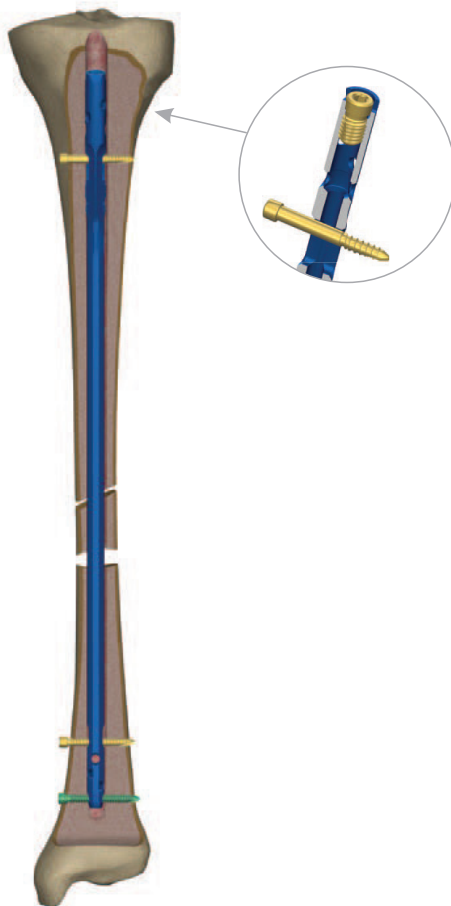
- Multi-fragmental fractures of the shaft of the tibia
- Tibia and fibula fractures.
- Fractures with knee ligaments injury.
- Tibia fractures with compartment syndrome.
- Pathological fractures.
- Malunion of tibia shaft fractures treated with other methods.

## 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

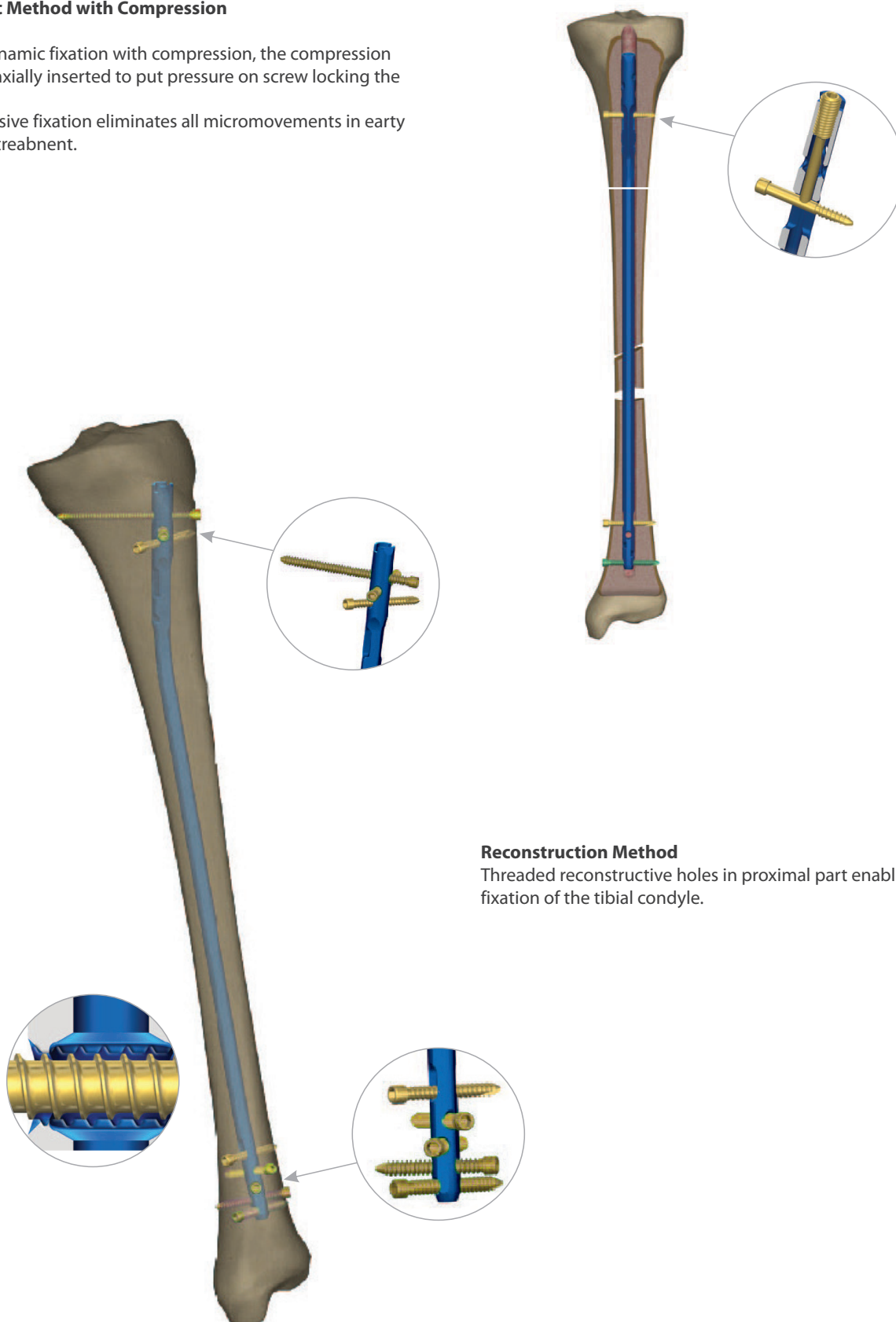
Dynamic fixation may be used in the case of good cortical contact of bone fragments in transverse or oblique fractures, and in false joints.

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	<b>6080-8-270</b>	<b>TI-6080-8-270</b>
	8mm	285	<b>6080-8-285</b>	<b>TI-6080-8-285</b>
	8mm	300	<b>6080-8-300</b>	<b>TI-6080-8-300</b>
	8mm	315	<b>6080-8-315</b>	<b>TI-6080-8-315</b>
	8mm	330	<b>6080-8-330</b>	<b>TI-6080-8-330</b>
	8mm	345	<b>6080-8-345</b>	<b>TI-6080-8-345</b>
	8mm	360	<b>6080-8-360</b>	<b>TI-6080-8-360</b>
	8mm	375	<b>6080-8-375</b>	<b>TI-6080-8-375</b>
	8mm	390	<b>6080-8-390</b>	<b>TI-6080-8-390</b>
Ø9mm	9mm	270	<b>6080-9-270</b>	<b>TI-6080-9-270</b>
	9mm	285	<b>6080-9-285</b>	<b>TI-6080-9-285</b>
	9mm	300	<b>6080-9-300</b>	<b>TI-6080-9-300</b>
	9mm	315	<b>6080-9-315</b>	<b>TI-6080-9-315</b>
	9mm	330	<b>6080-9-330</b>	<b>TI-6080-9-330</b>
	9mm	345	<b>6080-9-345</b>	<b>TI-6080-9-345</b>
	9mm	360	<b>6080-9-360</b>	<b>TI-6080-9-360</b>
	9mm	375	<b>6080-9-375</b>	<b>TI-6080-9-375</b>
	9mm	390	<b>6080-9-390</b>	<b>TI-6080-9-390</b>
Ø10mm	10mm	270	<b>6080-10-270</b>	<b>TI-6080-10-270</b>
	10mm	285	<b>6080-10-285</b>	<b>TI-6080-10-285</b>
	10mm	300	<b>6080-10-300</b>	<b>TI-6080-10-300</b>
	10mm	315	<b>6080-10-315</b>	<b>TI-6080-10-315</b>
	10mm	330	<b>6080-10-330</b>	<b>TI-6080-10-330</b>
	10mm	345	<b>6080-10-345</b>	<b>TI-6080-10-345</b>
	10mm	360	<b>6080-10-360</b>	<b>TI-6080-10-360</b>
	10mm	375	<b>6080-10-375</b>	<b>TI-6080-10-375</b>
	10mm	390	<b>6080-10-390</b>	<b>TI-6080-10-390</b>
Ø11mm	11mm	270	<b>6080-11-270</b>	<b>TI-6080-11-270</b>
	11mm	285	<b>6080-11-285</b>	<b>TI-6080-11-285</b>
	11mm	300	<b>6080-11-300</b>	<b>TI-6080-11-300</b>
	11mm	315	<b>6080-11-315</b>	<b>TI-6080-11-315</b>
	11mm	330	<b>6080-11-330</b>	<b>TI-6080-11-330</b>
	11mm	345	<b>6080-11-345</b>	<b>TI-6080-11-345</b>
	11mm	360	<b>6080-11-360</b>	<b>TI-6080-11-360</b>
	11mm	375	<b>6080-11-375</b>	<b>TI-6080-11-375</b>
	11mm	390	<b>6080-11-390</b>	<b>TI-6080-11-390</b>



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



## Interlocking Cannulated Tibia Nail

**STERILE**

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



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

## End Cap For Interlocking Cannulated Tibia Nail



**STERILE**

Stainless Steel	Titanium
<b>2109-0</b>	<b>TI-2109-0</b>

Stainless Steel	Titanium
<b>2109-0-S</b>	<b>TI-2109-0-S</b>

0mm



## Compression Screw For Interlocking Cannulated Tibia Nail



**STERILE**

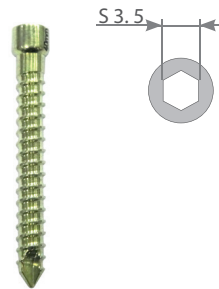
Stainless Steel	Titanium
<b>2108-1.25</b>	<b>TI-2108-1.25</b>

Stainless Steel	Titanium
<b>2108-1.25-S</b>	<b>TI-2108-1.25-S</b>

0mm



## 4.5mm Locking Bolt For Interlocking Cannulated Tibia Nail



**STERILE**

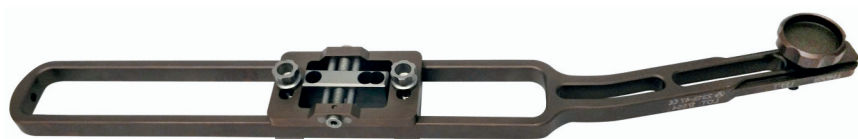
Length	Stainless Steel	Titanium
30mm	<b>6001.30</b>	<b>TI-6001.30</b>
35mm	<b>6001.35</b>	<b>TI-6001.35</b>
40mm	<b>6001.40</b>	<b>TI-6001.40</b>
45mm	<b>6001.45</b>	<b>TI-6001.45</b>
50mm	<b>6001.50</b>	<b>TI-6001.50</b>
55mm	<b>6001.55</b>	<b>TI-6001.55</b>
60mm	<b>6001.60</b>	<b>TI-6001.60</b>
65mm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

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

**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  $\varnothing$ 6.5/3.5mm for Konzept Tibia Nail



**7-100-14**      Set Block  $\varnothing$ 9/4.5mm for Konzept Tibia Nail



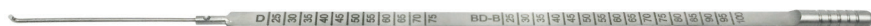
**7-100-15**      Trocar  $\varnothing$ 6.5mm for Konzept Tibia Nail



**7-100-16**      Drill Guide  $\varnothing$ 6.5/4.5mm for Konzept Tibia Nail



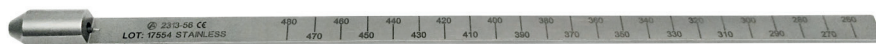
**7-100-17**      Depth Gauge for Konzept Tibia Nail



**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

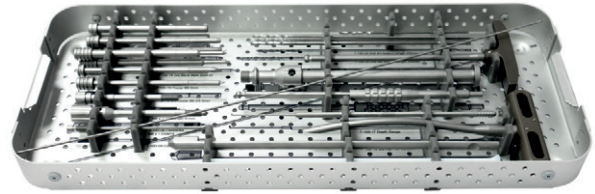


**7-100-30**      Drill Ø4.5mm x Length 250mm, for Konzept Tibia Nail

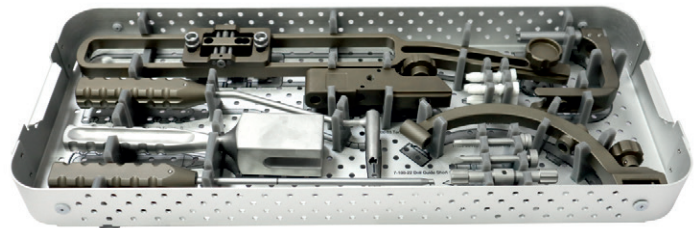




**7-100-32-A** Instrument Tray A for Konzept Tibia Nailing Instrument Set



**7-100-32-B** Instrument Tray B for Konzept Tibia Nailing Instrument Set



**7-100-33** Container with Lid for Konzept Tibia Nailing Instrument Set



**7-100** Konzept Tibia Nailing Instrument Set



**7-100 Konzept Tibia Nailing Instrument Set**

Code	Set Consisting of	Units
<b>7-100-01</b>	Targeter Arm B for Konzept Tibia Nail	1
<b>7-100-02</b>	Distal Targeter D for Konzept Tibia Nail	1
<b>7-100-03</b>	Targeter B for Konzept Tibia Nail	1
<b>7-100-04</b>	Universal Wrench S8 for Konzept Tibia Nail	1
<b>7-100-05</b>	Connecting screw M8 x 1.25, Length 91mm, for Konzept Tibia Nail	1
<b>7-100-06</b>	Reconstruction Targeter for Konzept Tibia Nail	1
<b>7-100-07</b>	Impactor-Extractor Rod for Konzept Tibia Nail	1
<b>7-100-08</b>	Connector M8 x 1.25/M14, for Konzept Tibia Nail	1
<b>7-100-09</b>	Compression Screw for Konzept Tibia Nail	1
<b>7-100-10</b>	Curved Awl Ø8.0mm for Konzept Tibia Nail	1
<b>7-100-11</b>	Mallet for Konzept Tibia Nail for Konzept Tibia Nail	1
<b>7-100-12</b>	Protective Guide Ø9/6.5mm for Konzept Tibia Nail	2
<b>7-100-13</b>	Drill Guide Ø6.5/3.5mm for Konzept Tibia Nail	2
<b>7-100-14</b>	Set Block Ø9/4.5mm for Konzept Tibia Nail	2
<b>7-100-15</b>	Trocar Ø6.5mm for Konzept Tibia Nail	1
<b>7-100-16</b>	Drill Guide Ø6.5/4.5mm for Konzept Tibia Nail	1
<b>7-100-17</b>	Depth Gauge for Konzept Tibia Nail	1
<b>7-100-18</b>	Hole Depth Measuring Device for Konzept Tibia Nail	1
<b>7-100-19</b>	Nail Length Measuring Device for Konzept Tibia Nail	1
<b>7-100-20</b>	Targeter D for Konzept Tibia Nail	1
<b>7-100-21</b>	Short Trocar Ø7mm for Konzept Tibia Nail	1
<b>7-100-22</b>	Drill Guide Short Ø7/3.5mm for Konzept Tibia Nail	1
<b>7-100-23</b>	Guide Rod Handle for Konzept Tibia Nail	1
<b>7-100-24</b>	Teflon Pipe Guide 8/400mm for Konzept Tibia Nail	1
<b>7-100-25</b>	Aiming Insert Ø9.0mm for Konzept Tibia Nail	4
<b>7-100-26</b>	Guide Rod Ø2.5mm x Length 580mm for Konzept Tibia Nail	1
<b>7-100-27</b>	Screwdriver, Hex 3.5mm, for Konzept Tibia Nail	1
<b>7-100-28</b>	Drill with Scale Ø3.5mm x Length 250mm, for Konzept Tibia Nail	2
<b>7-100-29</b>	Drill Ø3.5mm x Length 150mm, for Konzept Tibia Nail	2
<b>7-100-30</b>	Drill Ø4.5mm x Length 250mm, for Konzept Tibia Nail	1
<b>7-100-32-A</b>	Instrument Tray A for Konzept Tibia Nailing Instrument Set	1
<b>7-100-32-B</b>	Instrument Tray B for Konzept Tibia Nailing Instrument Set	1
<b>7-100-33</b>	Container with Lid for Konzept Tibia Nailing Instrument Set	1





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Email: info@auxein.mx

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