

# EXPERT TIBIA

## NAILING SYSTEM

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# TIBIA NAILING SYSTEM

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## Expert Tibia Nail

### Advanced solutions

Advanced proximal locking options: Three unique and innovative locking options, in combination with cancellous bone locking screws, increase the stability of the proximal fragment for proximal third fractures.

Two state of the art medio-lateral (ML) locking options enable primary compression or secondary controlled dynamization



### Improved stability

End caps:  
Securely lock the most proximal oblique locking screw to create a fixed-angle construct  
End cap prevents ingrowth of tissue and facilitates nail extraction



Cannulated  
0 mm end cap sits flush with nail.  
5, 10 and 15 mm end caps extend nail height if nail is over inserted.



## Indications

The Expert Tibial Nail is indicated for fractures in the tibial shaft as well as for metaphyseal and certain intraarticular fractures of the tibial head and the pilon tibiae:

41-A2/A3

All shaft fractures

43-A1/A2/A3

Combinations of these fractures

For these indications the Expert Tibia Nail should be used in combination with other implants (not shown in the illustrations):

41-C1/C2

43-C1/C2



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**Note:** The use of a cannulated Expert Tibia Nail with a large diameter offering more stability associated with the reamed technique is generally recommended for pseudarthroses, tumours, mal-unions and non-unions.

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## Expert Tibia Nail



Stainless Steel	Titanium	Dimensions	Stainless Steel	Titanium	Dimensions
520-08-255	TI-520-08-255	Ø8mm x Length 255mm	520-11-255	TI-520-11-255	Ø11mm x Length 255mm
520-08-270	TI-520-08-270	Ø8mm x Length 270mm	520-11-270	TI-520-11-270	Ø11mm x Length 270mm
520-08-285	TI-520-08-285	Ø8mm x Length 285mm	520-11-285	TI-520-11-285	Ø11mm x Length 285mm
520-08-300	TI-520-08-300	Ø8mm x Length 300mm	520-11-300	TI-520-11-300	Ø11mm x Length 300mm
520-08-315	TI-520-08-315	Ø8mm x Length 315mm	520-11-315	TI-520-11-315	Ø11mm x Length 315mm
520-08-330	TI-520-08-330	Ø8mm x Length 330mm	520-11-330	TI-520-11-330	Ø11mm x Length 330mm
520-08-345	TI-520-08-345	Ø8mm x Length 345mm	520-11-345	TI-520-11-345	Ø11mm x Length 345mm
520-08-360	TI-520-08-360	Ø8mm x Length 360mm	520-11-360	TI-520-11-360	Ø11mm x Length 360mm
520-08-375	TI-520-08-375	Ø8mm x Length 375mm	520-11-375	TI-520-11-375	Ø11mm x Length 375mm
520-08-390	TI-520-08-390	Ø8mm x Length 390mm	520-11-390	TI-520-11-390	Ø11mm x Length 390mm
520-08-405	TI-520-08-405	Ø8mm x Length 405mm	520-11-405	TI-520-11-405	Ø11mm x Length 405mm
520-08-420	TI-520-08-420	Ø8mm x Length 420mm	520-11-420	TI-520-11-420	Ø11mm x Length 420mm
520-09-255	TI-520-09-255	Ø9mm x Length 255mm	520-12-255	TI-520-12-255	Ø12mm x Length 255mm
520-09-270	TI-520-09-270	Ø9mm x Length 270mm	520-12-270	TI-520-12-270	Ø12mm x Length 270mm
520-09-285	TI-520-09-285	Ø9mm x Length 285mm	520-12-285	TI-520-12-285	Ø12mm x Length 285mm
520-09-300	TI-520-09-300	Ø9mm x Length 300mm	520-12-300	TI-520-12-300	Ø12mm x Length 300mm
520-09-315	TI-520-09-315	Ø9mm x Length 315mm	520-12-315	TI-520-12-315	Ø12mm x Length 315mm
520-09-330	TI-520-09-330	Ø9mm x Length 330mm	520-12-330	TI-520-12-330	Ø12mm x Length 330mm
520-09-345	TI-520-09-345	Ø9mm x Length 345mm	520-12-345	TI-520-12-345	Ø12mm x Length 345mm
520-09-360	TI-520-09-360	Ø9mm x Length 360mm	520-12-360	TI-520-12-360	Ø12mm x Length 360mm
520-09-375	TI-520-09-375	Ø9mm x Length 375mm	520-12-375	TI-520-12-375	Ø12mm x Length 375mm
520-09-390	TI-520-09-390	Ø9mm x Length 390mm	520-12-390	TI-520-12-390	Ø12mm x Length 390mm
520-09-405	TI-520-09-405	Ø9mm x Length 405mm	520-12-405	TI-520-12-405	Ø12mm x Length 405mm
520-09-420	TI-520-09-420	Ø9mm x Length 420mm	520-12-420	TI-520-12-420	Ø12mm x Length 420mm
520-10-255	TI-520-10-255	Ø10mm x Length 255mm			
520-10-270	TI-520-10-270	Ø10mm x Length 270mm			
520-10-285	TI-520-10-285	Ø10mm x Length 285mm			
520-10-300	TI-520-10-300	Ø10mm x Length 300mm			
520-10-315	TI-520-10-315	Ø10mm x Length 315mm			
520-10-330	TI-520-10-330	Ø10mm x Length 330mm			
520-10-345	TI-520-10-345	Ø10mm x Length 345mm			
520-10-360	TI-520-10-360	Ø10mm x Length 360mm			
520-10-375	TI-520-10-375	Ø10mm x Length 375mm			
520-10-390	TI-520-10-390	Ø10mm x Length 390mm			
520-10-405	TI-520-10-405	Ø10mm x Length 405mm			
520-10-420	TI-520-10-420	Ø10mm x Length 420mm			

Locking Bolt, Ø4.4mm



Stainless Steel	Titanium	Dimensions
520-058-24	TI-520-058-24	Ø4.4mm x Length 24mm
520-058-26	TI-520-058-26	Ø4.4mm x Length 26mm
520-058-28	TI-520-058-28	Ø4.4mm x Length 28mm
520-058-30	TI-520-058-30	Ø4.4mm x Length 30mm
520-058-32	TI-520-058-32	Ø4.4mm x Length 32mm
520-058-34	TI-520-058-34	Ø4.4mm x Length 34mm
520-058-36	TI-520-058-36	Ø4.4mm x Length 36mm
520-058-38	TI-520-058-38	Ø4.4mm x Length 38mm
520-058-40	TI-520-058-40	Ø4.4mm x Length 40mm
520-058-42	TI-520-058-42	Ø4.4mm x Length 42mm
520-058-44	TI-520-058-44	Ø4.4mm x Length 44mm
520-058-46	TI-520-058-46	Ø4.4mm x Length 46mm
520-058-48	TI-520-058-48	Ø4.4mm x Length 48mm
520-058-50	TI-520-058-50	Ø4.4mm x Length 50mm
520-058-52	TI-520-058-52	Ø4.4mm x Length 52mm
520-058-54	TI-520-058-54	Ø4.4mm x Length 54mm
520-058-56	TI-520-058-56	Ø4.4mm x Length 56mm
520-058-58	TI-520-058-58	Ø4.4mm x Length 58mm
520-058-60	TI-520-058-60	Ø4.4mm x Length 60mm
520-058-62	TI-520-058-62	Ø4.4mm x Length 62mm
520-058-64	TI-520-058-64	Ø4.4mm x Length 64mm
520-058-66	TI-520-058-66	Ø4.4mm x Length 66mm
520-058-68	TI-520-058-68	Ø4.4mm x Length 68mm
520-058-70	TI-520-058-70	Ø4.4mm x Length 70mm
520-058-72	TI-520-058-72	Ø4.4mm x Length 72mm
520-058-74	TI-520-058-74	Ø4.4mm x Length 74mm
520-058-76	TI-520-058-76	Ø4.4mm x Length 76mm
520-058-78	TI-520-058-78	Ø4.4mm x Length 78mm
520-058-80	TI-520-058-80	Ø4.4mm x Length 80mm
520-058-82	TI-520-058-82	Ø4.4mm x Length 82mm
520-058-84	TI-520-058-84	Ø4.4mm x Length 84mm
520-058-86	TI-520-058-86	Ø4.4mm x Length 86mm
520-058-88	TI-520-058-88	Ø4.4mm x Length 88mm

Locking Bolt, Ø4.8mm



Stainless Steel	Titanium	Dimensions
520-002-55	TI-520-002-55	Ø4.8mm x Length 55mm
520-002-60	TI-520-002-60	Ø4.8mm x Length 60mm
520-002-65	TI-520-002-65	Ø4.8mm x Length 65mm
520-002-70	TI-520-002-70	Ø4.8mm x Length 70mm
520-002-75	TI-520-002-75	Ø4.8mm x Length 75mm
520-002-80	TI-520-002-80	Ø4.8mm x Length 80mm
520-002-85	TI-520-002-85	Ø4.8mm x Length 85mm
520-002-90	TI-520-002-90	Ø4.8mm x Length 90mm

End Cap, Expert Tibia Nail



Stainless Steel	Titanium	Length
520-001	TI-520-001	0
520-001-05	TI-520-001-05	5
520-001-10	TI-520-001-10	10
520-001-12	520-001-12	15

## Tibia Nail Instruments

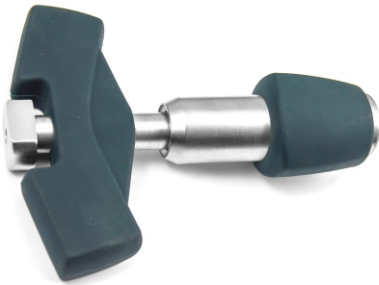
**520-003**  
Radiographic Ruler



**520-004**  
Guide Wire, Ø3.2mm



**520-005**  
Guide Wire Holder



**520-006**  
Protection Sleeve 14/12mm



**520-007**  
Straight Awl



**520-008**  
Skin Protector



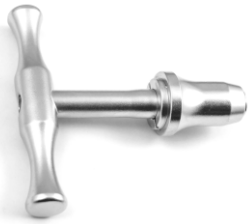
**520-009**  
Cannulated Awl



**520-010**  
Entry Reamer



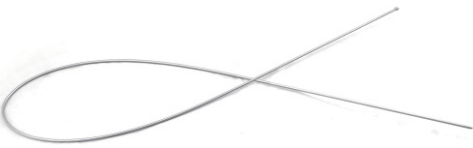
**520-011**  
T-handle with Quick Coupling



**520-012**  
Reducer



**520-013**  
Ball Tip Guide Wire



**520-014**  
Flexible Reamer Shaft



**520-7.5**  
Reamer Head, Ø7.5mm



**520-8.0**  
Reamer Head, Ø8mm



**520-8.5**  
Reamer Head, Ø8.5mm



**520-9.0**  
Reamer Head, Ø9mm



**520-9.5**  
Reamer Head, Ø9.5mm



**520-10.0**  
Reamer Head, Ø10mm



**520-10.5**  
Reamer Head, Ø10.5mm



**520-11.0**  
Reamer Head, Ø11mm



**520-11.5**  
Reamer Head, Ø11.5mm



**520-12.0**  
Reamer Head, Ø12mm



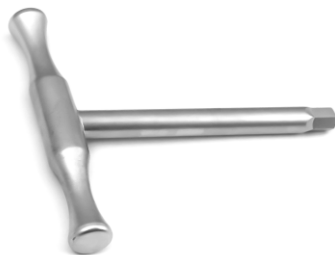
**520-015**  
Insertion Handle



**520-016**  
Nail Holding Bolt



**520-017**  
Guide Bolt Wrench with T-Handle, SW6.5



**520-018**  
Connecting Shaft Block



**520-019**  
Connecting Shaft



**520-020**  
Spanner



**520-021**  
Small Wrench



**520-022**  
Hammer Guiding Shaft



**520-023**  
Hammer Guiding Shaft Nut



**520-024**  
Sliding Hammer



**520-025**  
Distal Aiming Bar



**520-026**  
Distal Bolt



**520-027**  
Bolt Wrench, SW5



**520-028**  
Drill Sleeve, Ø5.2mm



**520-029**  
Drill Bit, Ø5.2mm



**520-030**  
Positioning Rod Drill, Ø5.2mm



**520-031**  
Position Rod



**520-032**  
Positioning Rod Block



**520-033**  
Distal Amiming Device



**520-034**  
Distal Amiming Device Bolt



**520-035**  
Outer Drill Sleeve



**520-036**  
Trocar for Sleeves



**520-037**  
Drill Sleeve, Ø4.0mm



**520-038**  
Drill Bit, Ø4.0mm



**520-039**  
Stopper, Ø4.0mm



**520-040**  
Stopper Wrench, SW3.0



**520-041**  
Screw Length Gauge



**520-042**  
Screw Driver for Locking Screw, SW3.5



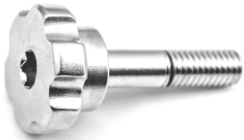
**520-043**  
Locking Screwdriver Shaft, SW3.5



**520-044**  
Proximal Aiming Device, for Cortical Screw



**520-045**  
Proximal Bolt



**520-046**  
Proximal Aiming Device, for Cancellous Screw



**520-047**  
Outer Drill Sleeve for Cancellous Screw



**520-048**  
Drill Sleeve, Ø3.2



**520-049**  
Trocar



**520-050**  
Drill Bit, Ø3.2mm





**520-051**  
Stopper, Ø3.2mm



**520-052**  
Compression Bolt



**520-053**  
Guide Bolt Wrench, Ball Tip



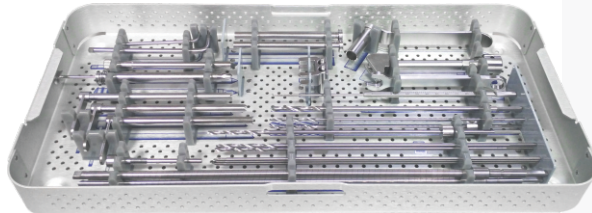
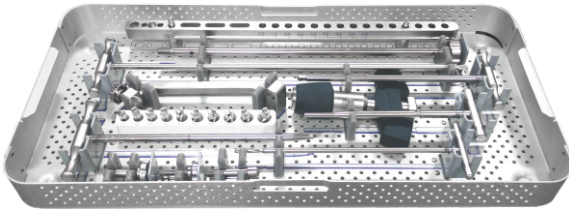
**520-055**  
Extractor



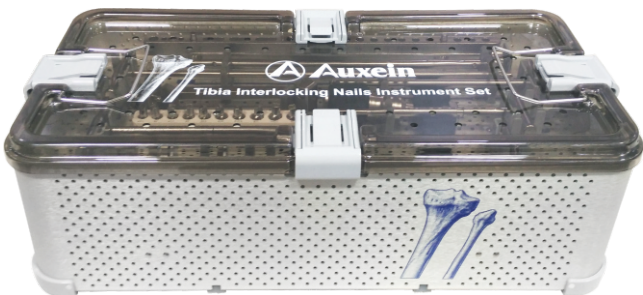
**520-054**  
End Cap Holder



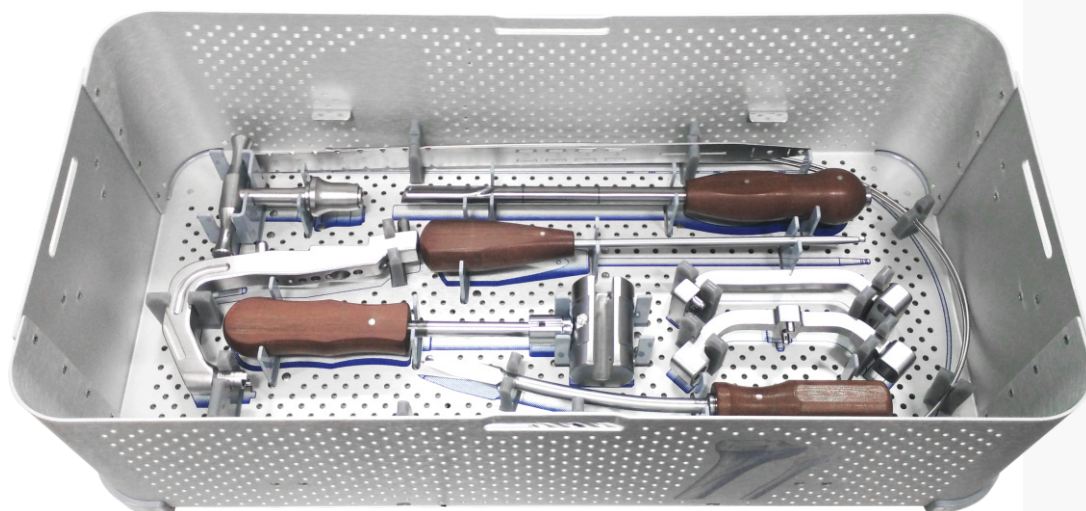
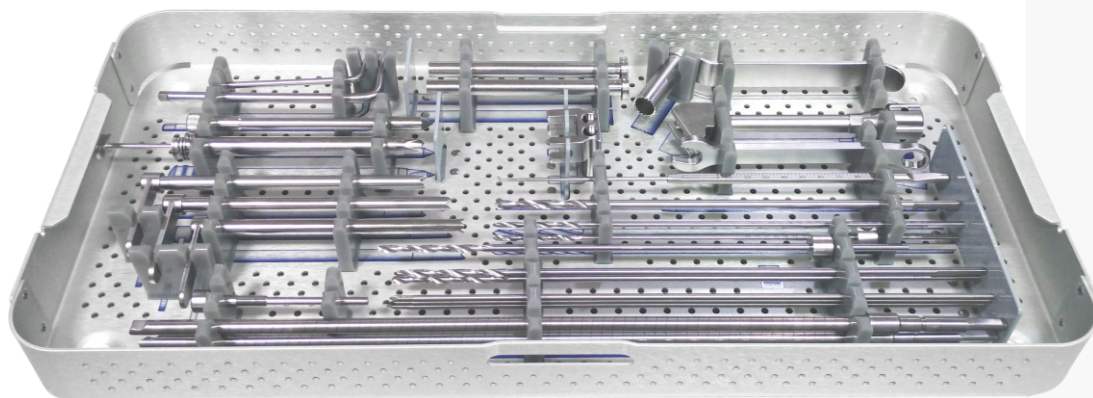
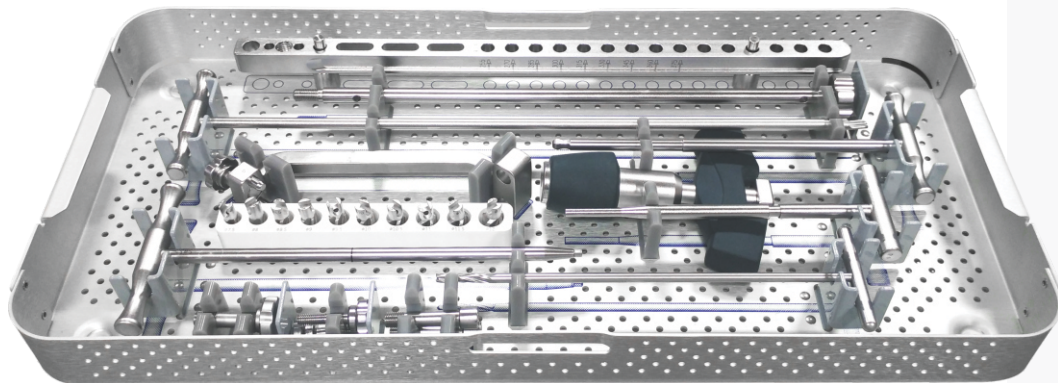
**520-056** Tray



**520-057** Container



## INS-520 Expert Tibia Nail Instrument Set



## INS-520 ExpertTibia Nail Instrument Set

Code	Set Consisting of	Units
520-003	Radiographic Ruler	1
520-004	Guide Wire, Ø3.2mm	3
520-005	Guide Wire Holder	1
520-006	Protection Sleeve 14/12mm	1
520-007	Straight Awl	1
520-008	Skin Protector	1
520-009	Cannulated Awl	1
520-010	Entry Reamer	1
520-011	T-handle with Quick Coupling	1
520-012	Reducer	1
520-013	Ball Tip Guide Wire	2
520-014	Flexible Reamer Shaft	1
520-7.5	Reamer Head, Ø7.5mm	1
520-8.0	Reamer Head, Ø8mm	1
520-8.5	Reamer Head, Ø8.5mm	1
520-9.0	Reamer Head, Ø9mm	1
520-9.5	Reamer Head, Ø9.5mm	1
520-10.0	Reamer Head, Ø10mm	1
520-10.5	Reamer Head, Ø10.5mm	1
520-11.0	Reamer Head, Ø11mm	1
520-11.5	Reamer Head, Ø11.5mm	1
520-12.0	Reamer Head, Ø12mm	1
520-015	Insertion Handle	1
520-016	Nail Holding Bolt	2
520-017	Guide Bolt Wrench with T-Handle, SW6.5	1
520-018	Connecting Shaft Block	1
520-019	Connecting Shaft	1
520-020	Spanner	1
520-021	Small Wrench	1
520-022	Hammer Guiding Shaft	1
520-023	Hammer Guiding Shaft Nut	1
520-024	Sliding Hammer	1
520-025	Distal Aiming Bar	1
520-026	Distal Bolt	1
520-027	Bolt Wrench, SW5	1
520-028	Drill Sleeve, Ø5.2mm	1

Code	Set Consisting of	Units
520-029	Drill Bit, Ø5.2mm	1
520-030	Positioning Rod Drill, Ø5.2mm	1
520-031	Position Rod	1
520-032	Positioning Rod Block	1
520-033	Distal Aiming Device	1
520-034	Distal Aiming Device Bolt	1
520-035	Outer Drill Sleeve	2
520-036	Trocar for Sleeves	1
520-037	Drill Sleeve, Ø4.0mm	2
520-038	Drill Bit, Ø4.0mm	3
520-039	Stopper, Ø4.0mm	1
520-040	Stopper Wrench, SW3.0	1
520-041	Screw Length Gauge	1
520-042	Screw Driver for Locking Screw, SW3.5	1
520-043	Locking Screwdriver Shaft, SW3.5	1
520-044	Proximal Aiming Device, for Cortical Screw	1
520-045	Proximal Bolt	2
520-046	Proximal Aiming Device, for Cancellous Screw	1
520-047	Outer Drill Sleeve for Cancellous Screw	1
520-048	Drill Sleeve, Ø3.2	1
520-049	Trocar	1
520-050	Drill Bit, Ø3.2mm	2
520-051	Stopper, Ø3.2mm	1
520-052	Compression Bolt	1
520-053	Guide Bolt Wrench, Ball Tip	1
520-054	End Cap Holder	1
520-055	Extractor	1
520-056	Tray	2
520-057	Container	1



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