

EXPERT TIBIA

NAILING SYSTEM

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 **Auxein**

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



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.

Tibia Nail



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

Ø4.4mm, Locking Bolt



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

Ø4.8mm, Locking Bolt



Code	Dimensions
520-002-55	Ø4.8mm x Length 55mm
520-002-60	Ø4.8mm x Length 60mm
520-002-65	Ø4.8mm x Length 65mm
520-002-70	Ø4.8mm x Length 70mm
520-002-75	Ø4.8mm x Length 75mm
520-002-80	Ø4.8mm x Length 80mm
520-002-85	Ø4.8mm x Length 85mm
520-002-90	Ø4.8mm x Length 90mm

End Cap, Expert Tibia Nail



Code	Length
520-001	0
520-001-05	5
520-001-10	10
520-001-12	15

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