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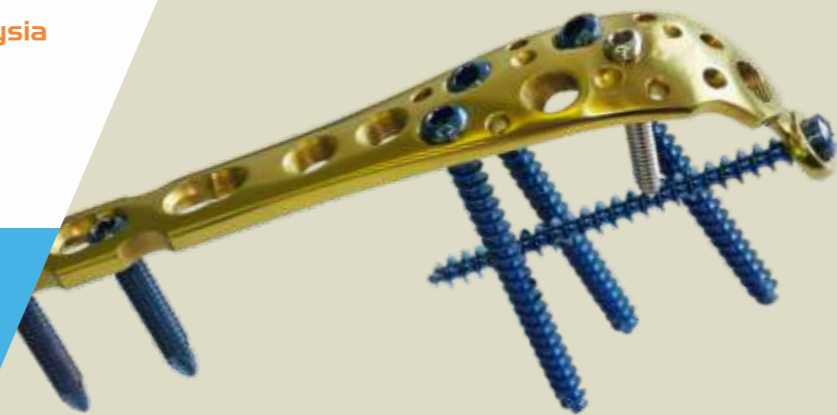
For further information, please visit us at [www.indianorthopaedic.com](http://www.indianorthopaedic.com)

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# fixLOCK Plating System

Strength Stability Support



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### SMALL FRAGMENT

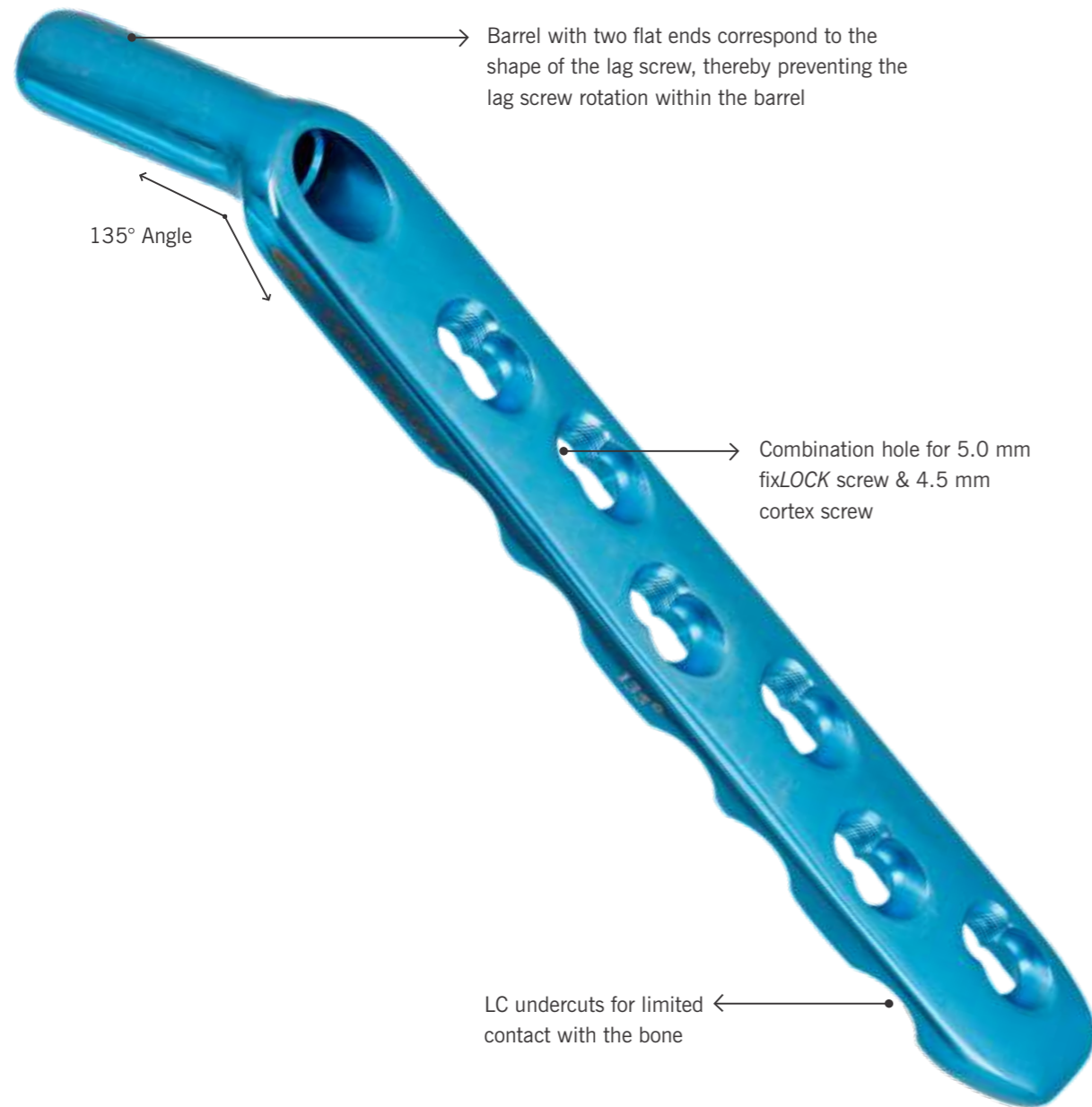
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fixLOCK DHS Plate, 4.5 mm

Item Code: 866

Indications

- Intertrochanteric fractures
- Per-trochanteric fractures
- Basal neck fracture (used along with de-rotation screw)
- Intertrochanteric fractures with fracture shaft femur
- Sub-trochanteric fractures



Features

- Available in barrel angle 125° to 150°, with 135° being the most common angle
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- With the use of 135° barrel plate the posteromedial opening is less and screw placement in the center position of the femoral head is comfortable
- Locking screws to achieve adequate fixation in elderly
- Used along with bone cement for augmented DHS procedure
- Long plate construct with 13 holes available for ipsilateral fracture shaft femur
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code					
	Stainless Steel					
	125°	130°	135°	140°	145°	150°
2	866.125.02	866.130.02	866.135.02	866.140.02	866.145.02	866.150.02
3	866.125.03	866.130.03	866.135.03	866.140.03	866.145.03	866.150.03
4	866.125.04	866.130.04	866.135.04	866.140.04	866.145.04	866.150.04
5	866.125.05	866.130.05	866.135.05	866.140.05	866.145.05	866.150.05
6	866.125.06	866.130.06	866.135.06	866.140.06	866.145.06	866.150.06
7	866.125.07	866.130.07	866.135.07	866.140.07	866.145.07	866.150.07
8	866.125.08	866.130.08	866.135.08	866.140.08	866.145.08	866.150.08
9	866.125.09	866.130.09	866.135.09	866.140.09	866.145.09	866.150.09
10	866.125.10	866.130.10	866.135.10	866.140.10	866.145.10	866.150.10
12	866.125.12	866.130.12	866.135.12	866.140.12	866.145.12	866.150.12
14	866.125.14	866.130.14	866.135.14	866.140.14	866.145.14	866.150.14
16	866.125.16	866.130.16	866.135.16	866.140.16	866.145.16	866.150.16
18	866.125.18	866.130.18	866.135.18	866.140.18	866.145.18	866.150.18
20	866.125.20	866.130.20	866.135.20	866.140.20	866.145.20	866.150.20

For Titanium, please affix "T" after above code number

fixLOCK DCS Barrel Plate 95°, 4.5 mm

Item Code: 854

Indications

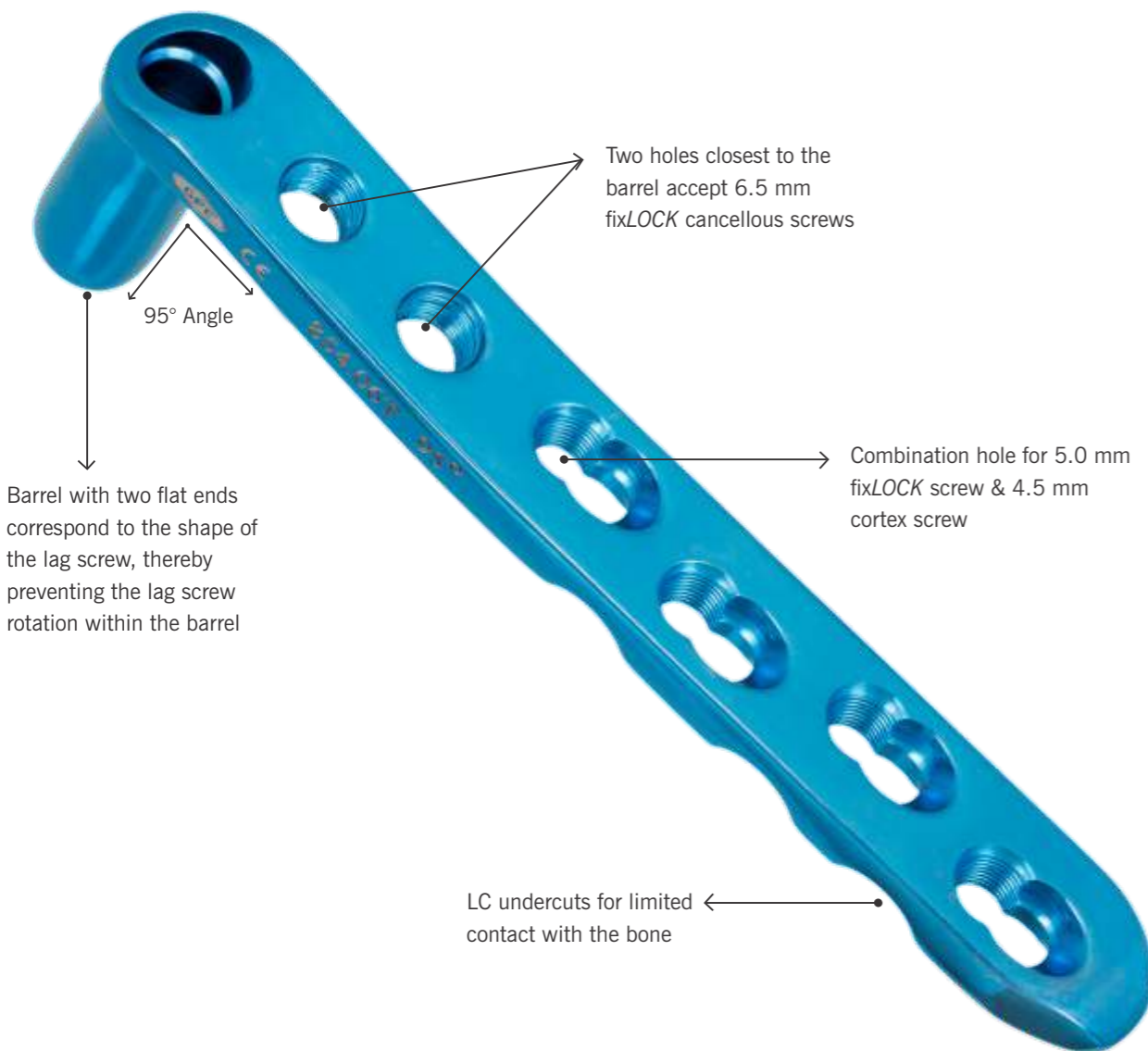
Distal Femur

- Supracondylar fracture shaft femur
- Intercondylar fracture femur
- Unicondylar fracture femur

(with 4 cm of distal femur should be intact with intact distal portion of medial condyle for adequate screw purchase)

Proximal Femur

- Subtrochanteric fracture- transverse, short oblique, long oblique fracture pattern



Features

- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Locking screws to achieve adequate fixation in elderly
- Long plate construct with 15 holes available for ipsilateral fracture shaft femur
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
3	854.03	854.03T
4	854.04	854.04T
5	854.05	854.05T
6	854.06	854.06T
7	854.07	854.07T
8	854.08	854.08T
9	854.09	854.09T
10	854.10	854.10T
11	854.11	854.11T
12	854.12	854.12T
13	854.13	854.13T
14	854.14	854.14T
15	854.15	854.15T

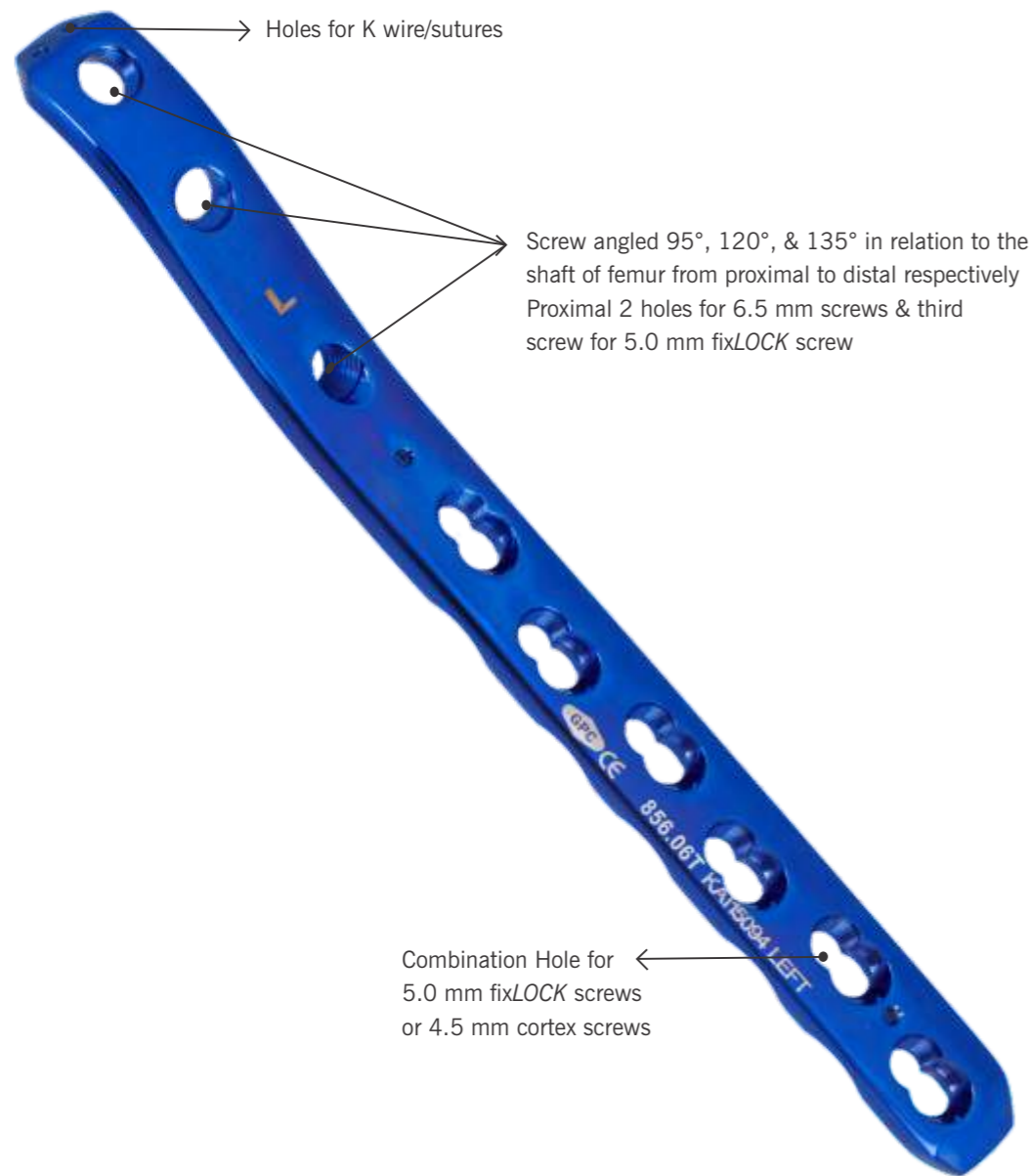


fixLOCK Proximal Femur Plate, 4.5 mm

Item Code: 856

Indications

- Subtrochanteric fractures
- Pertrochanteric fractures
- Trochantero-diaphyseal fractures
- Intertrochanteric fracture- reverse oblique type
- Intertrochanteric fracture with ipsilateral shaft fracture
- Osteotomy proximal femur
- Non-union and Mal-union fracture proximal third femur
- Metastatic fracture proximal femur
- Osteoporotic and other pathological fractures



Features

- Anatomically right or left considering average anteversion of the femoral neck
- Plate contoured with proximal screw region and distal shaft area approximated to the bone
- Fixed angle construct with proximal screw directed into the femoral head & obliquely directed screw just distal to the trochanteric screw is directed upwards and forwards converging towards proximal screw
- Oblique screw provides support in the calcar region
- Beveled tip for submuscular insertion with minimal soft tissue stripping
- Smaller area of post-fixation avascularity
- Screw trajectory designed for optimal fixation of comminuted fractures
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Available in both Titanium & Stainless Steel

Sizes Available

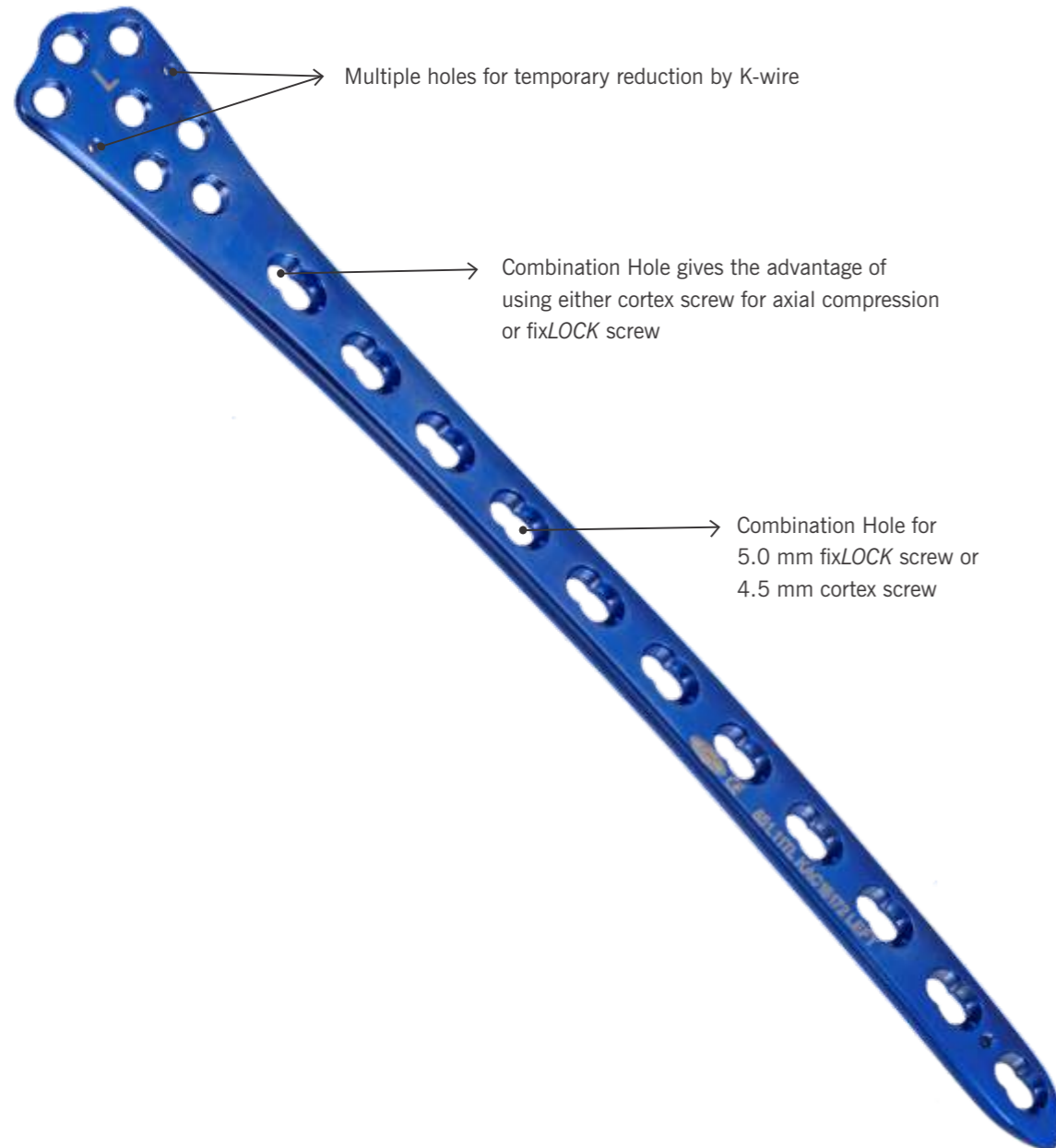
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
6	856.06L	856.06R	856.06TL	856.06TR
7	856.07L	856.07R	856.07TL	856.07TR
8	856.08L	856.08R	856.08TL	856.08TR
9	856.09L	856.09R	856.09TL	856.09TR
10	856.10L	856.10R	856.10TL	856.10TR
11	856.11L	856.11R	856.11TL	856.11TR
12	856.12L	856.12R	856.12TL	856.12TR
13	856.13L	856.13R	856.13TL	856.13TR
14	856.14L	856.14R	856.14TL	856.14TR
15	856.15L	856.15R	856.15TL	856.15TR

fixLOCK Distal Femur Plate, 4.5 mm

Item Code: 851

Indications

- Intercondylar fracture femur
- Supracondylar fracture femur
- Intercondylar fracture with ipsilateral shaft fracture
- Subtrochanteric femoral fracture- Plate of contralateral side, placed in reverse position



Features

- Anatomically right or left considering curvature of distal femur
- Beveled tip for submuscular insertion with minimal soft tissue stripping
- Smaller area of post-fixation avascularity
- Screw trajectory designed for optimal fixation of comminuted fractures
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Smooth transition from thin proximal segment and thick shaft segment makes the plate auto-contourable
- Available in both Titanium & Stainless Steel

Sizes Available

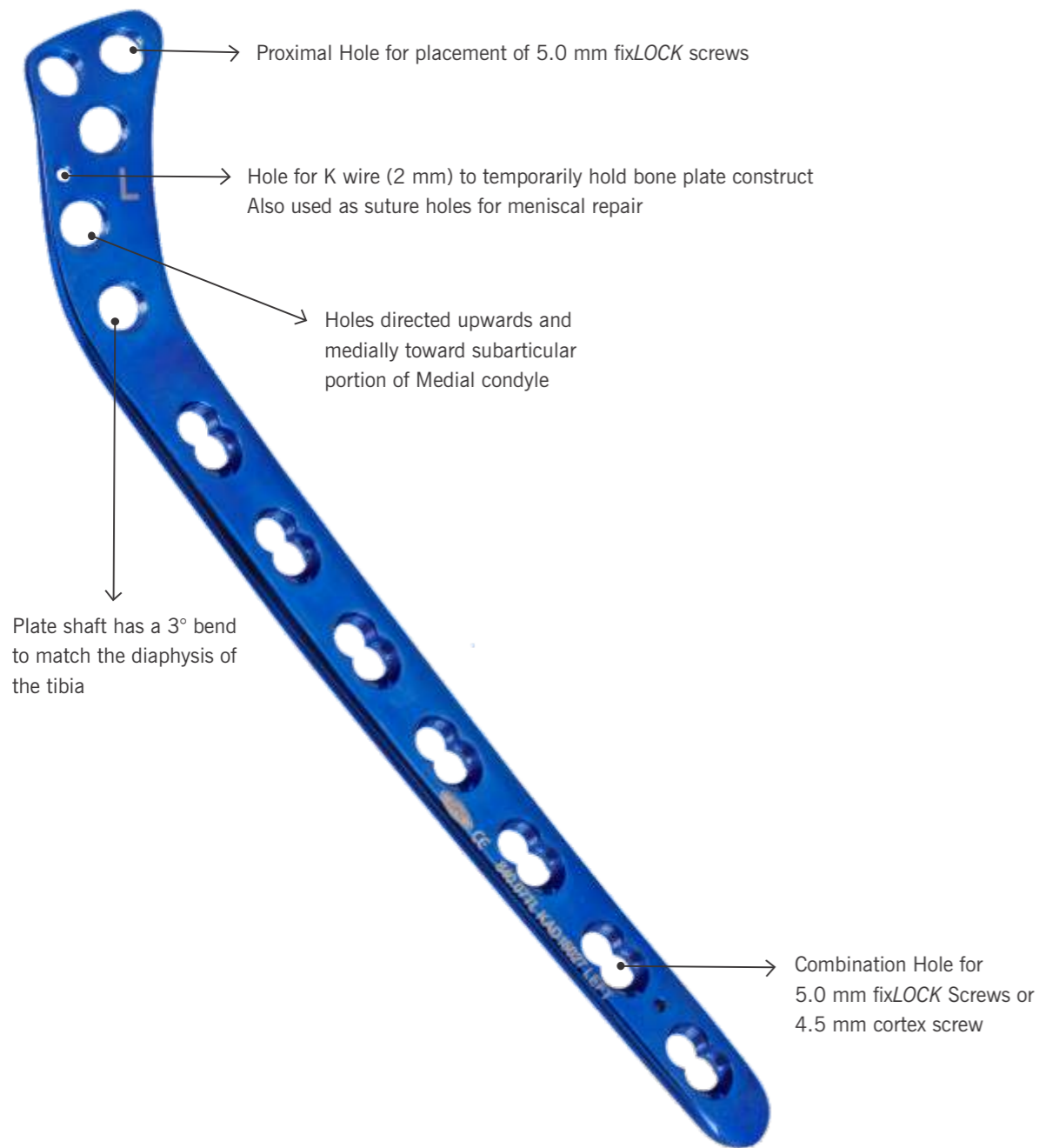
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
5	851.05L	851.05R	851.05TL	851.05TR
6	851.06L	851.06R	851.06TL	851.06TR
7	851.07L	851.07R	851.07TL	851.07TR
8	851.08L	851.08R	851.08TL	851.08TR
9	851.09L	851.09R	851.09TL	851.09TR
10	851.10L	851.10R	851.10TL	851.10TR
11	851.11L	851.11R	851.11TL	851.11TR
12	851.12L	851.12R	851.12TL	851.12TR
13	851.13L	851.13R	851.13TL	851.13TR
14	851.14L	851.14R	851.14TL	851.14TR
15	851.15L	851.15R	851.15TL	851.15TR
16	851.16L	851.16R	851.16TL	851.16TR

fixLOCK Proximal Tibia Plate , 4.5 mm

Item Code: 840

Indications

- Split-type fractures of the lateral tibial plateau
- Lateral split fractures with associated depressions
- Pure central depression fractures
- Split or depression fractures of the medial plateau
- Bicondylar fractures
- Mal-unions and non unions of the proximal tibia and tibial shaft



Features

- Anatomically shaped- right or left configured
- Fixed angle construct with convergence of proximal screws and the obliquely directed screws
- Beveled tip for submuscular insertion with minimal soft tissue stripping
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw heads are recessed into the plate holes for minimum screw prominence
- Available in both Titanium & Stainless Steel

Sizes Available

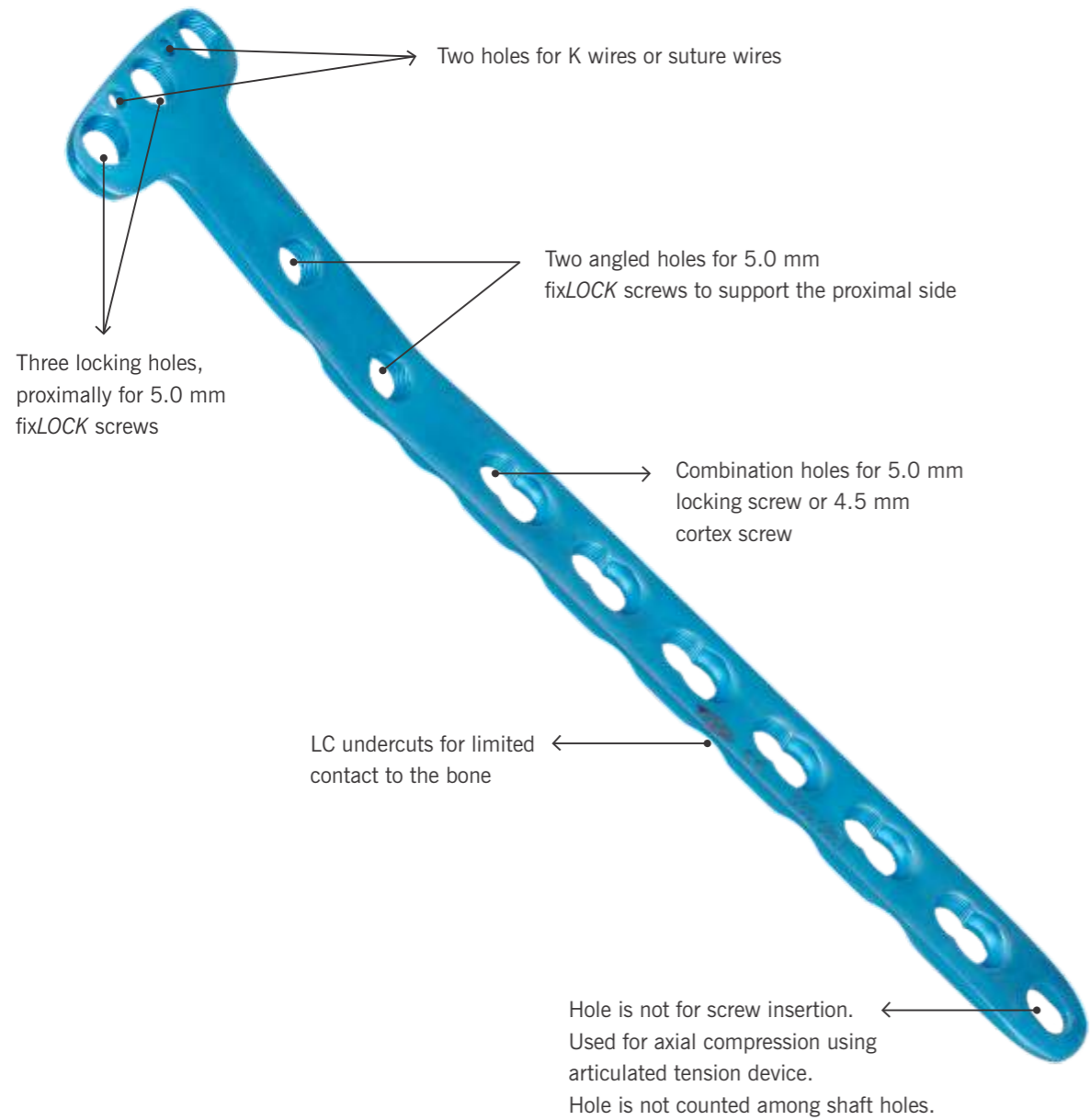
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	840.04L	840.04R	840.04TL	840.04TR
6	840.06L	840.06R	840.06TL	840.06TR
8	840.08L	840.08R	840.08TL	840.08TR
10	840.10L	840.10R	840.10TL	840.10TR
12	840.12L	840.12R	840.12TL	840.12TR
14	840.14L	840.14R	840.14TL	840.14TR

fixLOCK Medial Proximal Tibia Plate, 4.5 mm

Item Code: 935

Indications

- Intended to buttress metaphyseal fracture of the medial tibial plateau
- Split-type fractures of the medial tibial plateau
- Medial split fractures with associated depressions
- Segmental fractures of the proximal tibia
- Non-unions & mal-unions of medial proximal tibia & tibia shaft
- Opening & closing wedge tibial osteotomy



Features

- Anatomically shaped- right or left configured
- Beveled tip for submuscular insertion with minimal soft tissue stripping
- The screw hole pattern is such that it allows to buttress the tibial plateau & maintain reduction of the articular surface, simultaneously
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	935.04L	935.04R	935.04TL	935.04TR
6	935.06L	935.06R	935.06TL	935.06TR
8	935.08L	935.08R	935.08TL	935.08TR
10	935.10L	935.10R	935.10TL	935.10TR
12	935.12L	935.12R	935.12TL	935.12TR
14	935.14L	935.14R	935.14TL	935.14TR

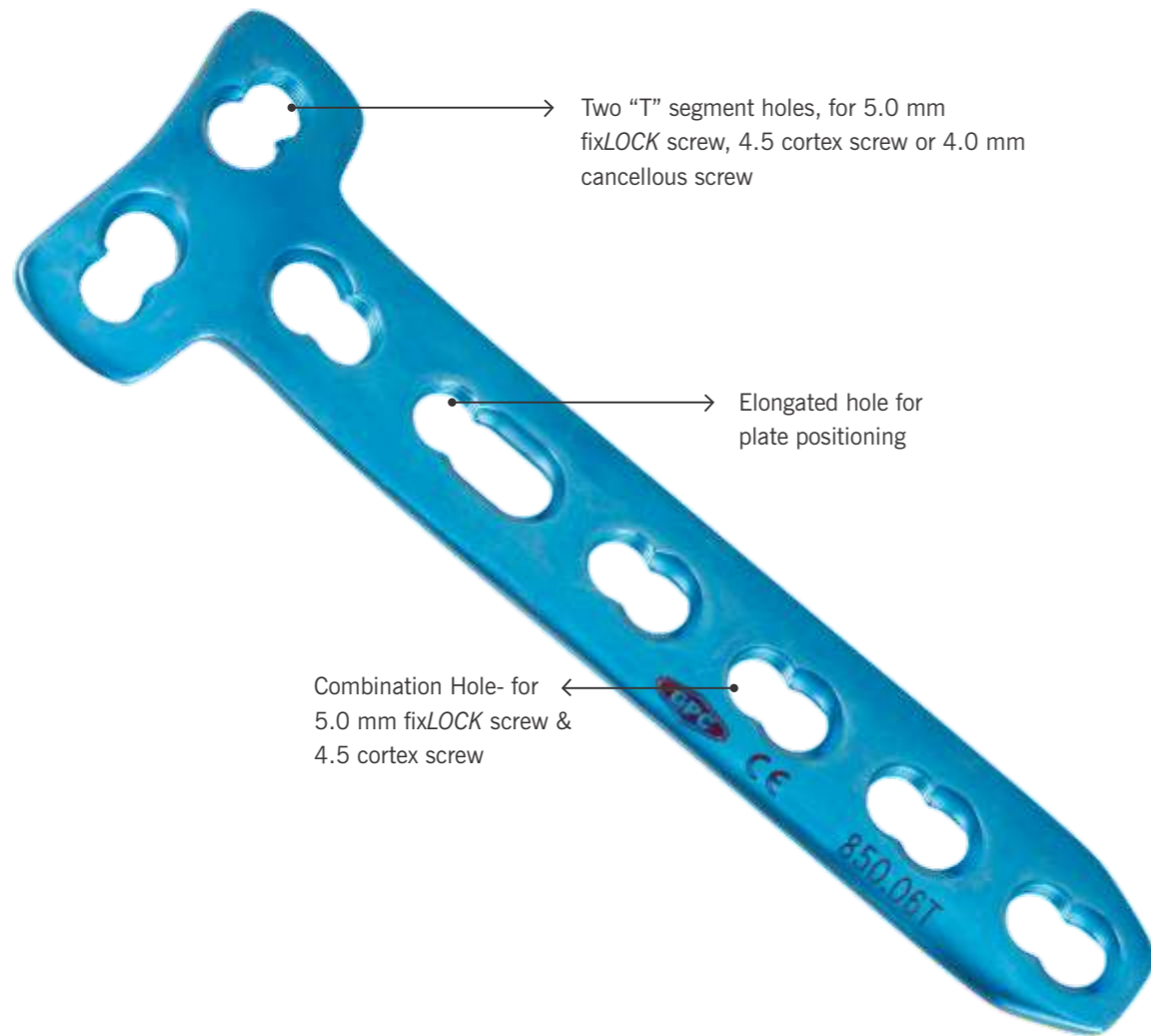


fixLOCK T-Plate, 4.5 mm

Item Code: 850

Indications

- Juxtaarticular fractures distal humerus, distal medial tibia, proximal tibia, distal femur
- Posteromedial fragment fracture of proximal tibia
- Ideal to buttress small fracture fragment with the diaphysis



Features

- Limited contact locking compression plate
- Low profile construct with minimum implant prominence or soft tissue irritation
- Metaphyseal T-segment with two combination holes for 5.0 mm locking screws or 4.5 mm cortex screws/4.0 mm cancellous screws
- Smaller area of post-fixation avascularity
- Long plates useful in cases of diaphyseal extension of peri-articular fractures
- Available in both Titanium & Stainless Steel

Sizes Available

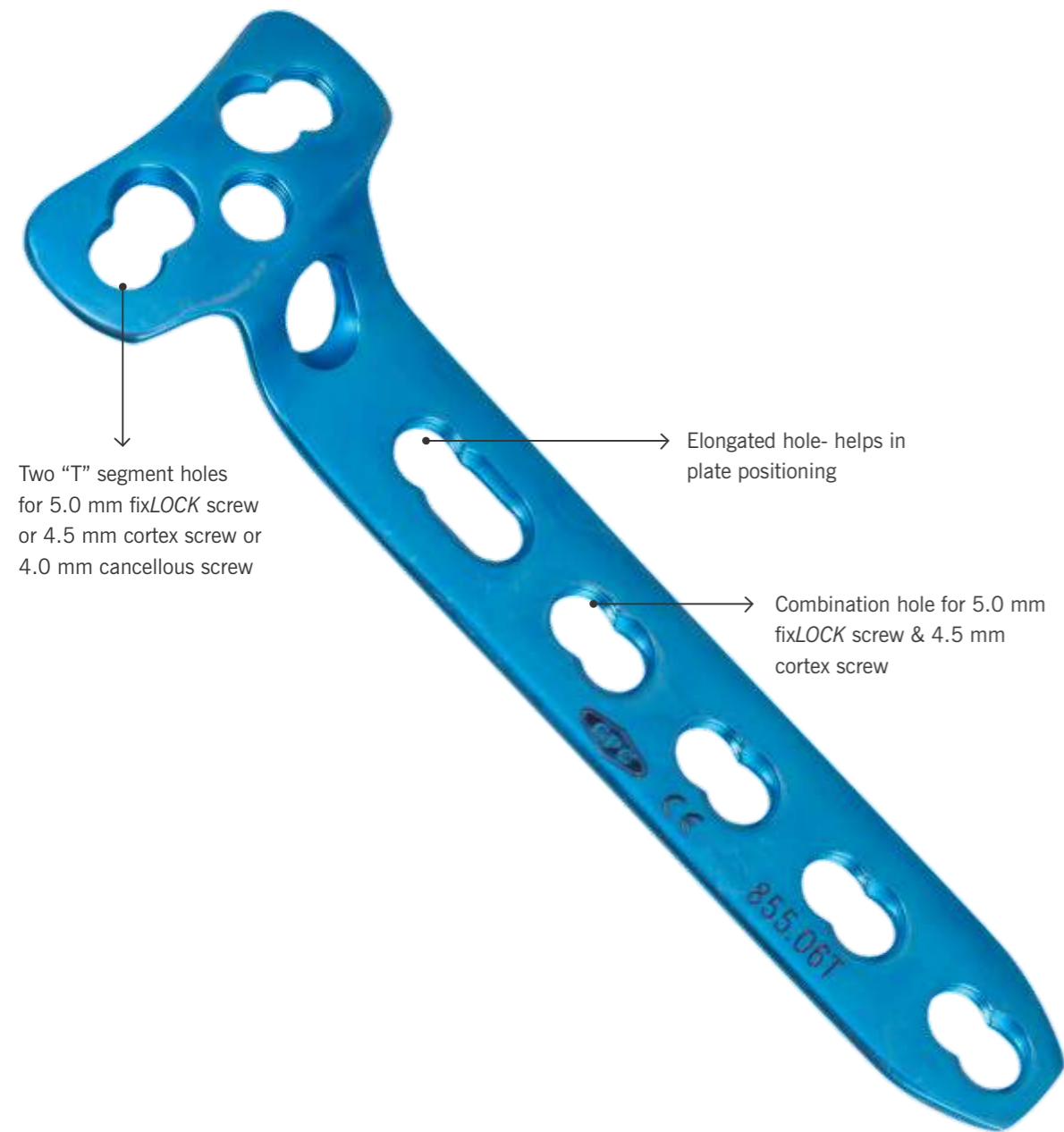
No. of Holes	Code	
	S.S.	Titanium
4	850.04	850.04T
5	850.05	850.05T
6	850.06	850.06T
7	850.07	850.07T
8	850.08	850.08T

fixLOCK T-Buttress Plate, 4.5 mm

Item Code: 855

Indications

- Metaphyseal fractures of proximal humerus, distal tibia, medial tibial plateau
- Posteromedial fragment proximal tibia (most commonly used implant)
- Ideal to buttress small metaphyseal fragment with the diaphysis



Features

- Metaphyseal T-segment with two combination holes for 5.0 mm fixLOCK screws or 4.5 mm cortex screws
- Low profile construct with minimum implant prominence or soft tissue irritation
- Shaft holes for 5.0 mm fixLOCK or 4.5 mm cortex screws
- Thin plate profile easy to contour & maintain post-fixation avascularity
- No undercuts present
- Long plates useful in cases of diaphyseal extension of periarticular fractures
- Available in both Titanium & Stainless Steel

Sizes Available

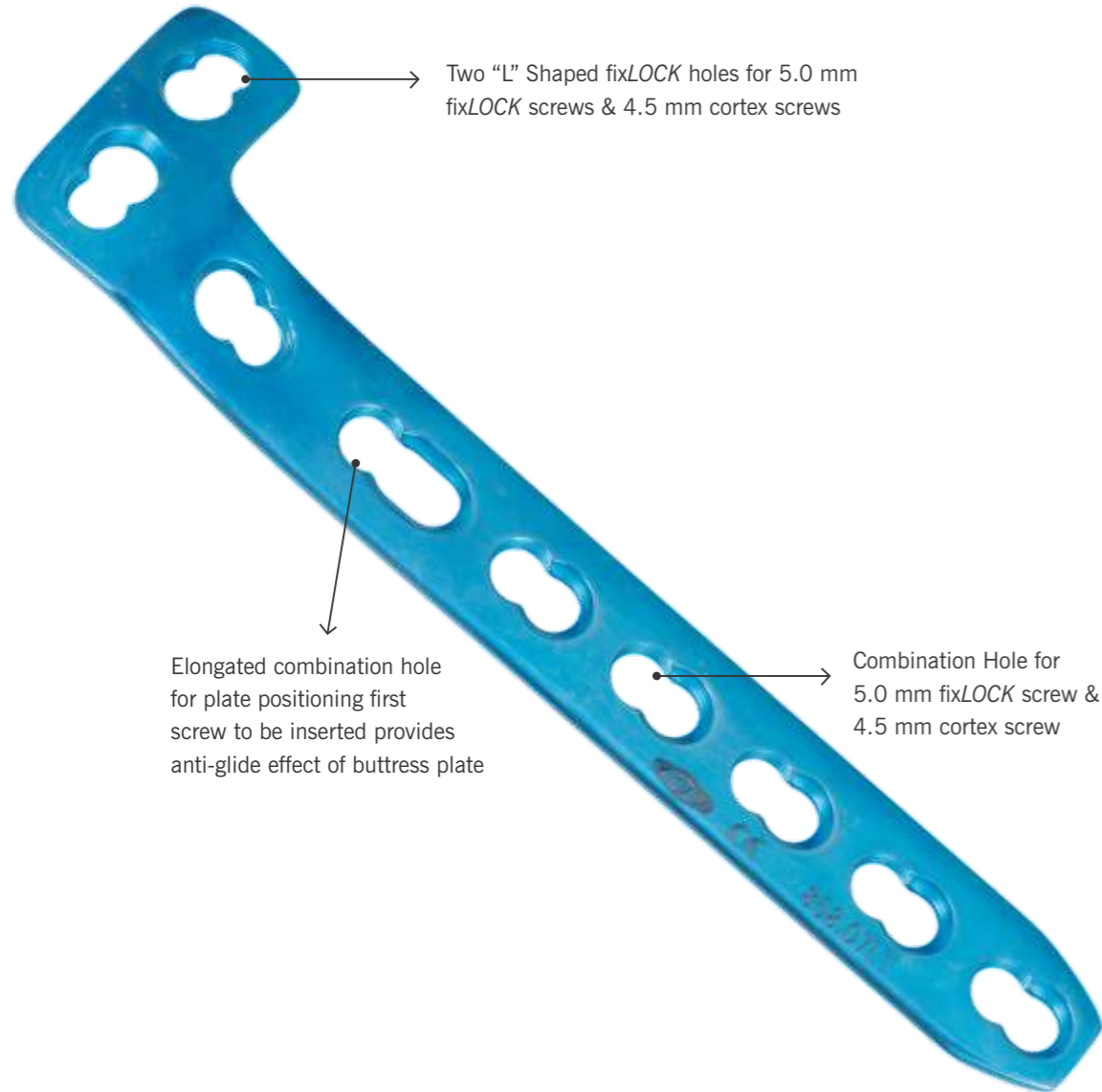
No. of Holes	Code	
	S.S.	Titanium
3	855.03	855.03T
4	855.04	855.04T
5	855.05	855.05T
6	855.06	855.06T
7	855.07	855.07T
8	855.08	855.08T
9	855.09	855.09T
10	855.10	855.10T
11	855.11	855.11T

fixLOCK L-Buttress Plate, 4.5 mm

Item Code: 858

Indications

- Lateral tibial plateau fractures
- Medial tibial plateau fractures
- Proximal humeral fractures
- Ideal to buttress small metaphyseal fragment with the diaphysis



Features

- Anatomically contoured, for right & left side
- Low profile construct with minimum implant prominence or soft tissue irritation
- Metaphyseal "L" segment with two combination holes for 5.0 mm fixLOCK screws or 4.5 mm cortex screws
- Shaft holes for 5.0 mm fixLOCK or 4.5 mm cortical screws
- No undercuts present
- Long plates useful in cases of diaphyseal extension of periarticular fractures
- Available in both Titanium & Stainless Steel

Sizes Available

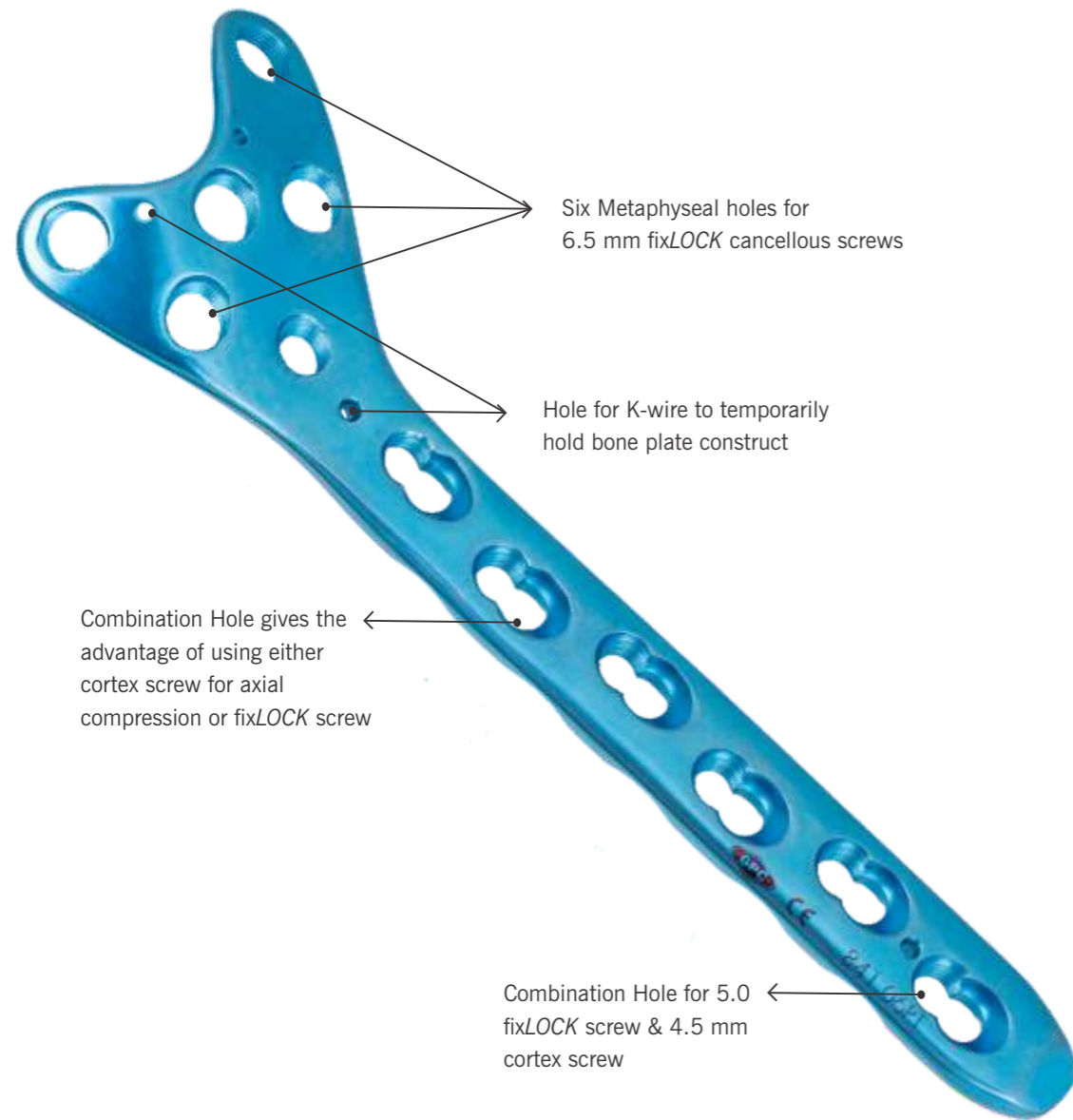
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	858.03L	858.03R	858.03TL	858.03TR
4	858.04L	858.04R	858.04TL	858.04TR
5	858.05L	858.05R	858.05TL	858.05TR
6	858.06L	858.06R	858.06TL	858.06TR
7	858.07L	858.07R	858.07TL	858.07TR
8	858.08L	858.08R	858.08TL	858.08TR
9	858.09L	858.09R	858.09TL	858.09TR
10	858.10L	858.10R	858.10TL	858.10TR
11	858.11L	858.11R	858.11TL	858.11TR

fixLOCK Condylar Buttress Plate, 4.5 mm

Item Code: 841

Indications

- Intra-articular and extra-articular fractures of lateral or medial condyle femur
- Supracondylar fractures of femoral condyle
- Mal-unions and non-unions of the distal femur



Features

- Anatomically shaped- right or left configured eliminating need for intraoperative plate modification
- Thin distal end with low profile construct for minimum implant prominence
- Fixed angle construct with multiple screw option in metaphysis gives surgeon a versatile fixation option
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw heads are recessed into the plate holes for minimum screw prominence especially when used over medial aspect
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
6	841.06L	841.06R	841.06TL	841.06TR
8	841.08L	841.08R	841.08TL	841.08TR
10	841.10L	841.10R	841.10TL	841.10TR
12	841.12L	841.12R	841.12TL	841.12TR
14	841.14L	841.14R	841.14TL	841.14TR
16	841.16L	841.16R	841.16TL	841.16TR
18	841.18L	841.18R	841.18TL	841.18TR



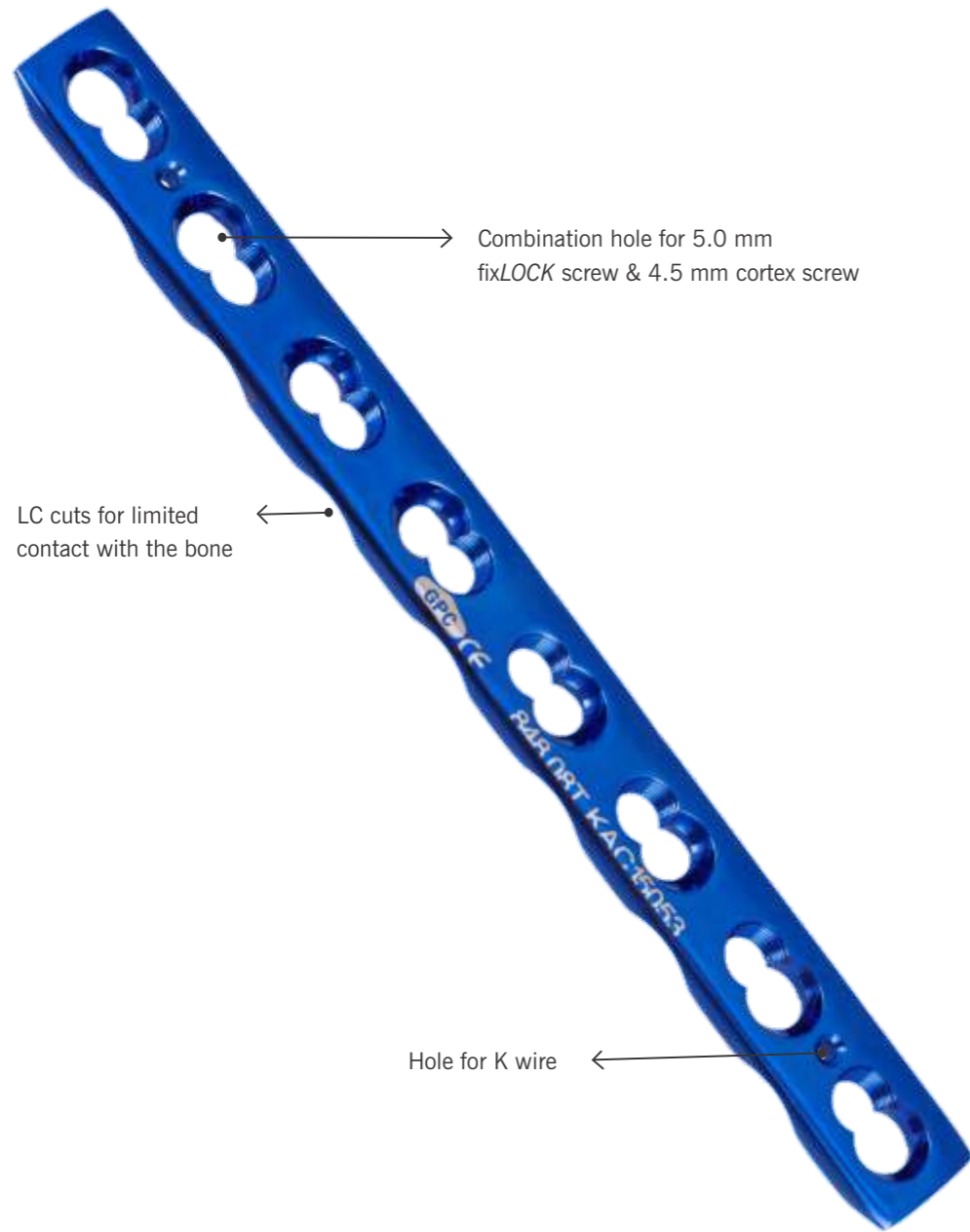
fixLOCK Narrow Plate, 4.5 mm

Item Code: 848

Indications

Temporary internal fixation and stabilization of humeral and tibial shaft fractures

- Periprosthetic fractures
- Comminuted fractures
- Fractures in osteopenic bone
- Non-unions
- Mal-unions



Features

- Used over the tensile surface of bones to work on tension band principle
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Dynamic compression unit offers 2 mm of axial compression
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	848.04	848.04T
5	848.05	848.05T
6	848.06	848.06T
7	848.07	848.07T
8	848.08	848.08T
9	848.09	848.09T
10	848.10	848.10T
11	848.11	848.11T
12	848.12	848.12T
14	848.14	848.14T
16	848.16	848.16T

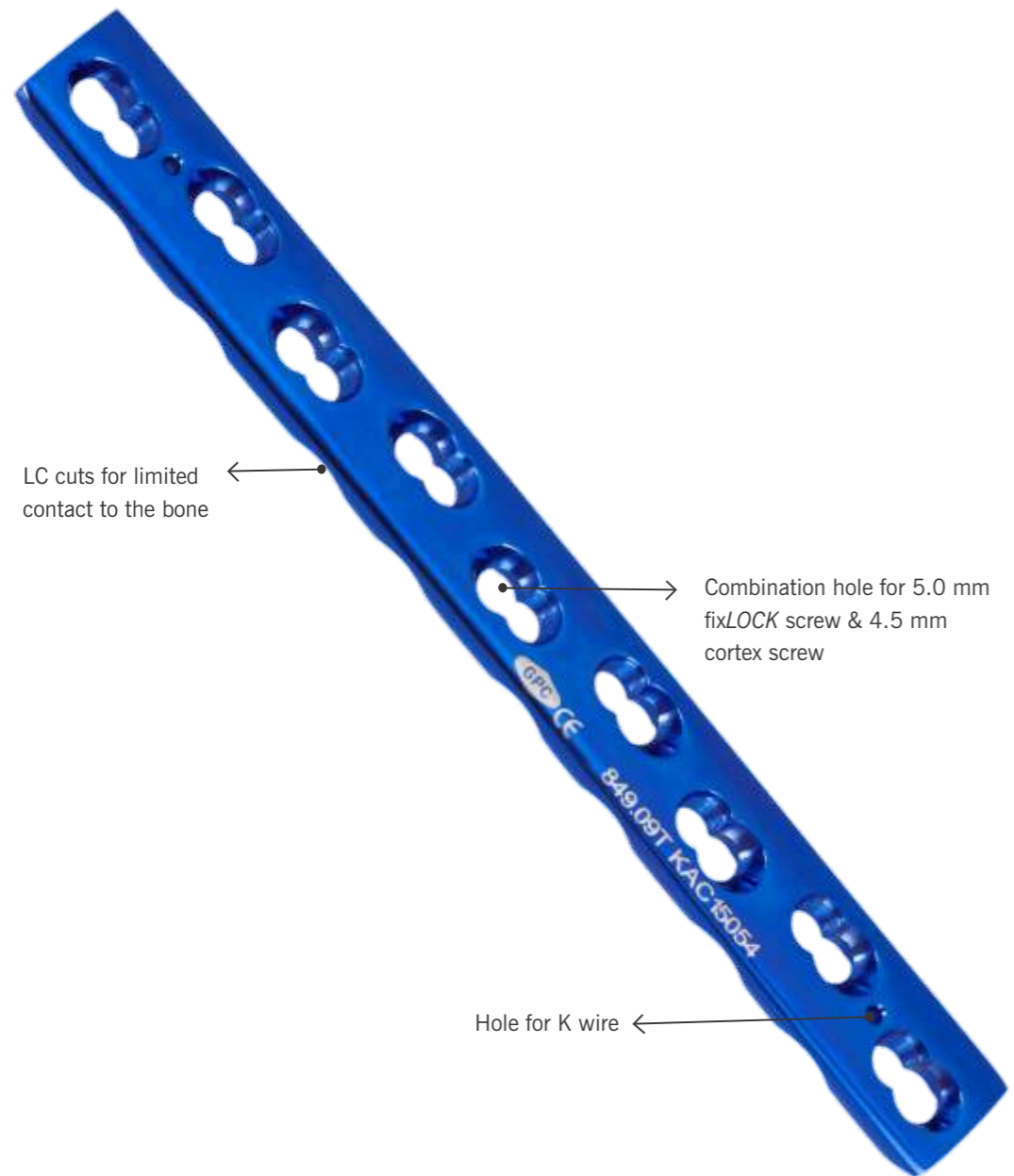
fixLOCK Broad Plate, 4.5 mm

Item Code: 849

Indications

Temporary internal fixation and stabilization of humerus, femur, and tibial shaft fractures

- Periprosthetic fractures
- Comminuted fractures
- Fractures in osteopenic bone
- Non-unions
- Mal-unions
- Osteotomy fixation



Features

- Used over the tensile surface of bones to work on tension band principle
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- Dynamic compression unit offers 2 mm of axial compression
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
6	849.06	849.06T
7	849.07	849.07T
8	849.08	849.08T
9	849.09	849.09T
10	849.10	849.10T
11	849.11	849.11T
12	849.12	849.12T
14	849.14	849.14T
16	849.16	849.16T

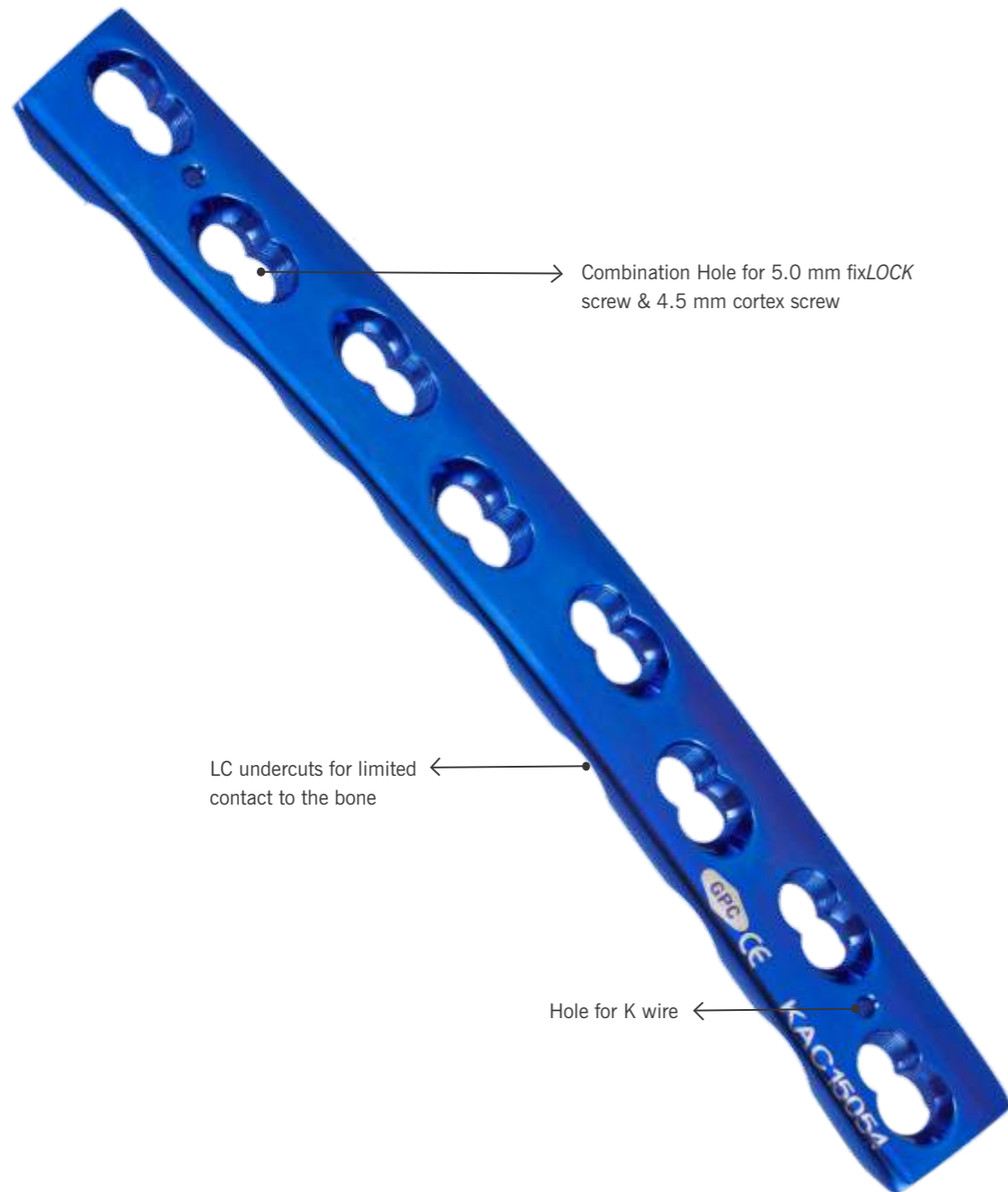
fixLOCK Curved Broad Plate, 4.5 mm

Item Code: 849C

Indications

Internal fixation and stabilization of humeral, femoral, and tibial shaft fractures

- Periprosthetic fractures
- Comminuted fractures- As a bridging plate
- Fractures in osteopenic bone
- Non-unions
- Mal-unions



Features

- Plate has a curvature along the long axis of the plate
- Used over the tensile surface of bones to work on tension band principle
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Limited implant periosteum contact area leading to smaller area of post-fixation avascularity
- Fixed angle of the fixLOCK screws confers angular stability to the bone screw construct
- Dynamic compression unit offers 2 mm of axial compression
- Locking screw ensures reduced compression at the bone plate interface and reduced tension on the bone
- Curve can be easily increased or decreased using plate benders
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
6	849C.06	849C.06T
7	849C.07	849C.07T
8	849C.08	849C.08T
9	849C.09	849C.09T
10	849C.10	849C.10T
11	849C.11	849C.11T
12	849C.12	849C.12T
14	849C.14	849C.14T
16	849C.16	849C.16T

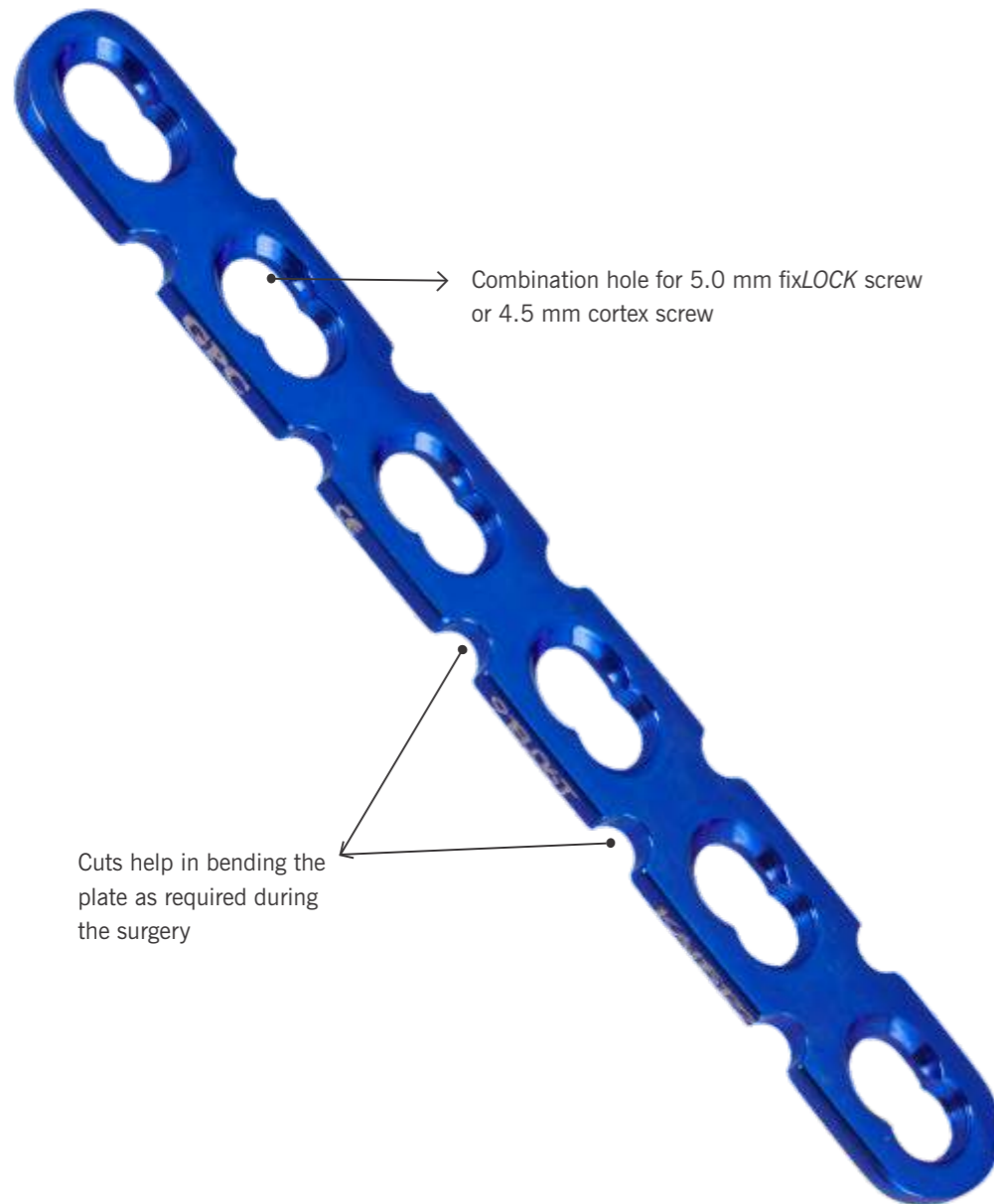
fixLOCK Reconstruction Plate, 4.5 mm

Item Code: 918

Indications

Fixation of fracture, particularly in osteopenic bones

- Clavicle
- Scapula
- Olecranon
- Humerus
- Radius
- Ulna
- Pelvis
- Distal tibia
- Fibula



Features

- Easily contoured and moulded according to the surgeons requirement
- Low profile construct for minimum implant prominence
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Length (mm)	Code	
		S.S.	Titanium
4	58	918.04	918.04T
5	70	918.05	918.05T
6	82	918.06	918.06T
7	94	918.07	918.07T
8	106	918.08	918.08T
9	118	918.09	918.09T
10	130	918.10	918.10T
11	142	918.11	918.11T
12	154	918.12	918.12T
13	166	918.13	918.13T
14	178	918.14	918.14T
15	190	918.15	918.15T
16	190	918.16	918.16T

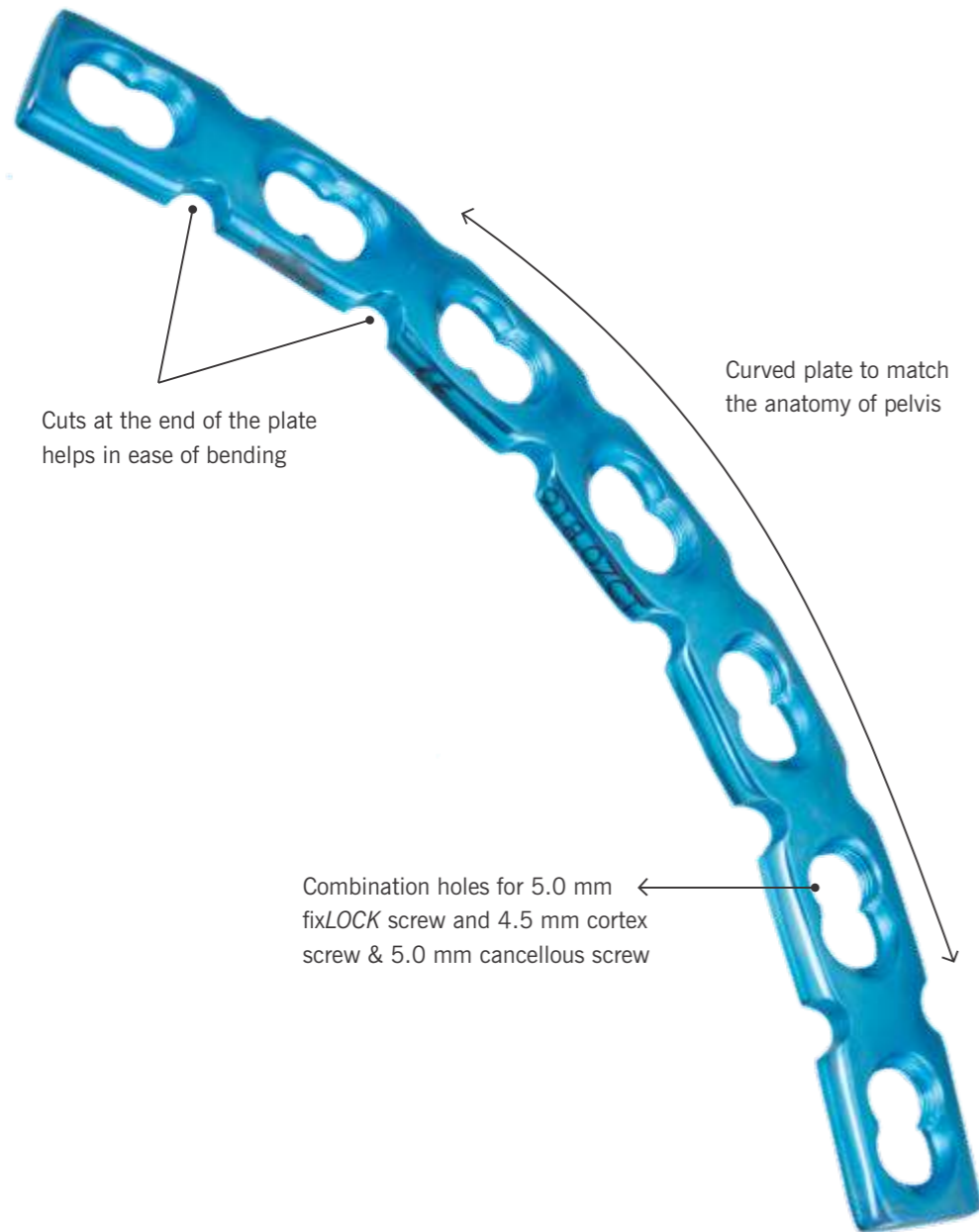


fixLOCK Curved Reconstruction Plate, 4.5 mm

Item Code: 918C

Indications

- Reconstruction of pelvic fracture
- Periprosthetic fractures



Features

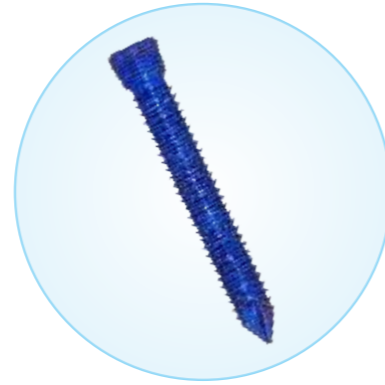
- Easily contoured and moulded according to the surgeons' requirement
- Low profile construct for minimum implant prominence
- Smaller area of post-fixation avascularity
- Curved shape of the plate is more suitable for reconstruction of pelvic fracture
- Plate can be easily trimmed or bent through the side cuts as required to match the contour of the pelvis
- Available in both Titanium & Stainless Steel

No. of Holes	Length (mm)	Code	
		S.S.	Titanium
4	58	918C.04	918C.04T
5	70	918C.05	918C.05T
6	82	918C.06	918C.06T
7	94	918C.07	918C.07T
8	106	918C.08	918C.08T
9	118	918C.09	918C.09T
10	130	918C.10	918C.10T

fixLOCK Self-Tapping Screw, 5.0 mm

(Item Code: 700)

Thread dia.	5.0 mm
Head dia.	6.7 mm
Core dia.	4.4 mm
Lengths	20 – 100 mm
Drill bit used	4.3 mm



fixLOCK Cancellous Screw, 6.5 mm- Fully Threaded

(Item Code: 767)



Thread dia.	6.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	25 - 120 mm
Drill bit used	4.3 mm

fixLOCK Self Tapping Cancellous Screw, 5.0 mm- Fully Threaded

(Item Code: 701)

Thread dia.	5.0 mm
Head dia.	8.0 mm
Core dia.	2.70 mm
Lengths	25 - 120 mm
Drill bit used	4.3 mm



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.



GOS1439L	Instrument set for Large Fragment with Aluminium Graphic Box	
BTD1130.32	Drill Bit 3.2 mm, Length 195/170 mm	2
BTD1130.45	Drill Bit 4.5 mm, Length 195/170 mm	2
C-ILBS736.43	Locking Drill Bit, 4.3 mm with stop, Length 221 mm	2
IBS700.04	Counter Sink 4.5 mm	1
C-IBS762.45	Bone Tap 4.5 mm Q.C.	2
C-IBS762.65	Bone Tap 6.5 mm Cancellous Q.C.	1
IBS765	Quick Coupling Handle	1
IBS720.32	Insert Drill Sleeve 4.5/3.2 mm, length 80 mm	1
IBS735.45	Drill & Tap sleeve Combined 3.2/4.5 mm	1
IBS735.65	Drill & Tap sleeve Combined 3.2/6.5 mm	1
ILBS746.35	Large Screw Driver Shaft 4.5 mm	1
SH.35	Large Screw Holder	1
ILBS786.50	Torque Screwdriver for Large Screws 5.0 mm	1
IBS708	Depth Gauge Large 4.5 mm	1
ILBS716.50	Locking Drill Sleeve 5.0 mm	2
ILBS716.65	Locking Drill Sleeve 6.5 mm	2
IBS777	Large Neutral Eccentric Drill Guide 3.2/4.5 mm	1
REH1064.18.235L	Hohman Retractor 18 mm	1
REH1064.22.250	Hohman Retractor 22 mm	1
REH1068.14S	Periosteal Elevator 14 mm with fibre handle	1
BHF1248.24	Reduction Forceps 240 mm	2
ILBS739-L	Threaded Plate Holder Large	1
IBP630	Plate Bender Large	1
IBP637.45	Bone & Bone Plate Holding Forceps 4.5 mm	1
AGC1439L	Graphic Container Aluminium	1

fixLOCK Clavicle Hook Plate, 3.5 mm

Item Code: 923

Indications

- Lateral clavicle fractures
- Dislocations of the acromioclavicular joint



Features

- Anatomically precontoured right and left configured plates
- Hook is placed on the posterior aspect of the clavicle with plate over the superior surface of clavicle
- Low profile construct with minimum implant prominence or soft tissue irritation
- Shaft holes for 3.5 mm locking or 3.5 mm cortex screws
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- Thin plate profile easy to contour
- Available in both Titanium & Stainless Steel

Sizes Available

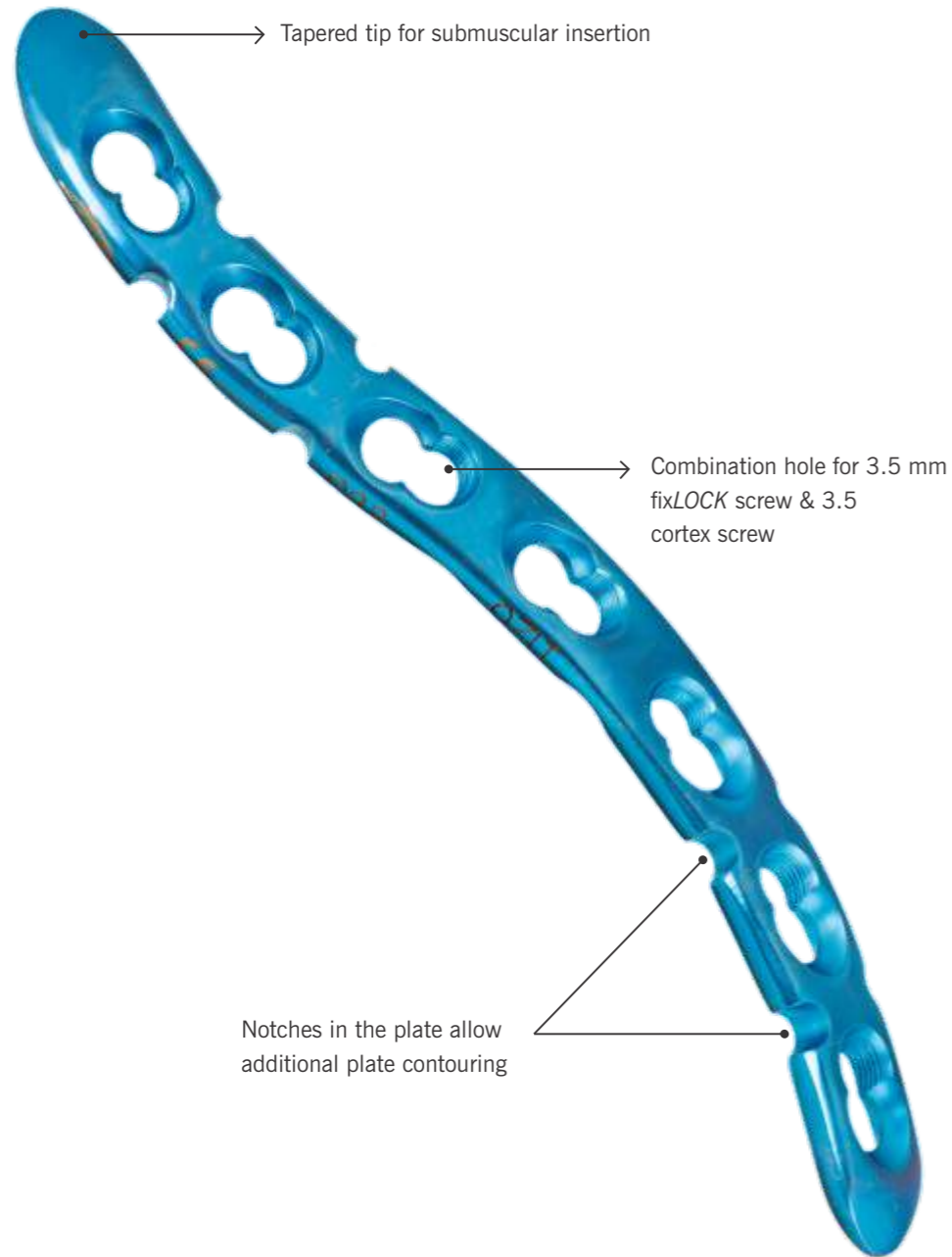
Length	Depth - 12 mm		Depth - 15 mm		Depth - 18 mm	
	S.S.	Titanium	S.S.	Titanium	S.S.	Titanium
4 Holes, Right	923.12.04R	923.12.04TR	923.15.04R	923.15.04TR	923.18.04R	923.18.04TR
4 Holes, Left	923.12.04L	923.12.04TL	923.15.04L	923.15.04TL	923.18.04L	923.18.04TL
5 Holes, Right	923.12.05R	923.12.05TR	923.15.05R	923.15.05TR	923.18.05R	923.18.05TR
5 Holes, Left	923.12.05L	923.12.05TL	923.15.05L	923.15.05TL	923.18.05L	923.18.05TL
6 Holes, Right	923.12.06R	923.12.06TR	923.15.06R	923.15.06TR	923.18.06R	923.18.06TR
6 Holes, Left	923.12.06L	923.12.06TL	923.15.06L	923.15.06TL	923.18.06L	923.18.06TL
7 Holes, Right	923.12.07R	923.12.07TR	923.15.07R	923.15.07TR	923.18.07R	923.18.07TR
7 Holes, Left	923.12.07L	923.12.07TL	923.15.07L	923.15.07TL	923.18.07L	923.18.07TL
8 Holes, Right	923.12.08R	923.12.08TR	923.15.08R	923.15.08TR	923.18.08R	923.18.08TR
8 Holes, Left	923.12.08L	923.12.08TL	923.15.08L	923.15.08TL	923.18.08L	923.18.08TL

fixLOCK Clavicle 'S' Shaped Plate, 3.5 mm

Item Code: 933

Indications

- Fracture clavicle shaft
- Mal-unions of the clavicle
- Non-unions of the clavicle
- Osteotomy of the clavicle



Features

- Anatomically pre-contoured for right and left clavicle
- Twisted design to match the anatomy of the clavicle
- Can be used for bridging osteosynthesis in cases of comminuted fractures of clavicle
- Low profile construct with minimum implant prominence or soft tissue irritation
- Smaller area of post-fixation avascularity
- Thin plate profile easy to contour
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	933.04L	933.04R	933.04TL	933.04TR
5	933.05L	933.05R	933.05TL	933.05TR
6	933.06L	933.06R	933.06TL	933.06TR
7	933.07L	933.07R	933.07TL	933.07TR
8	933.08L	933.08R	933.08TL	933.08TR

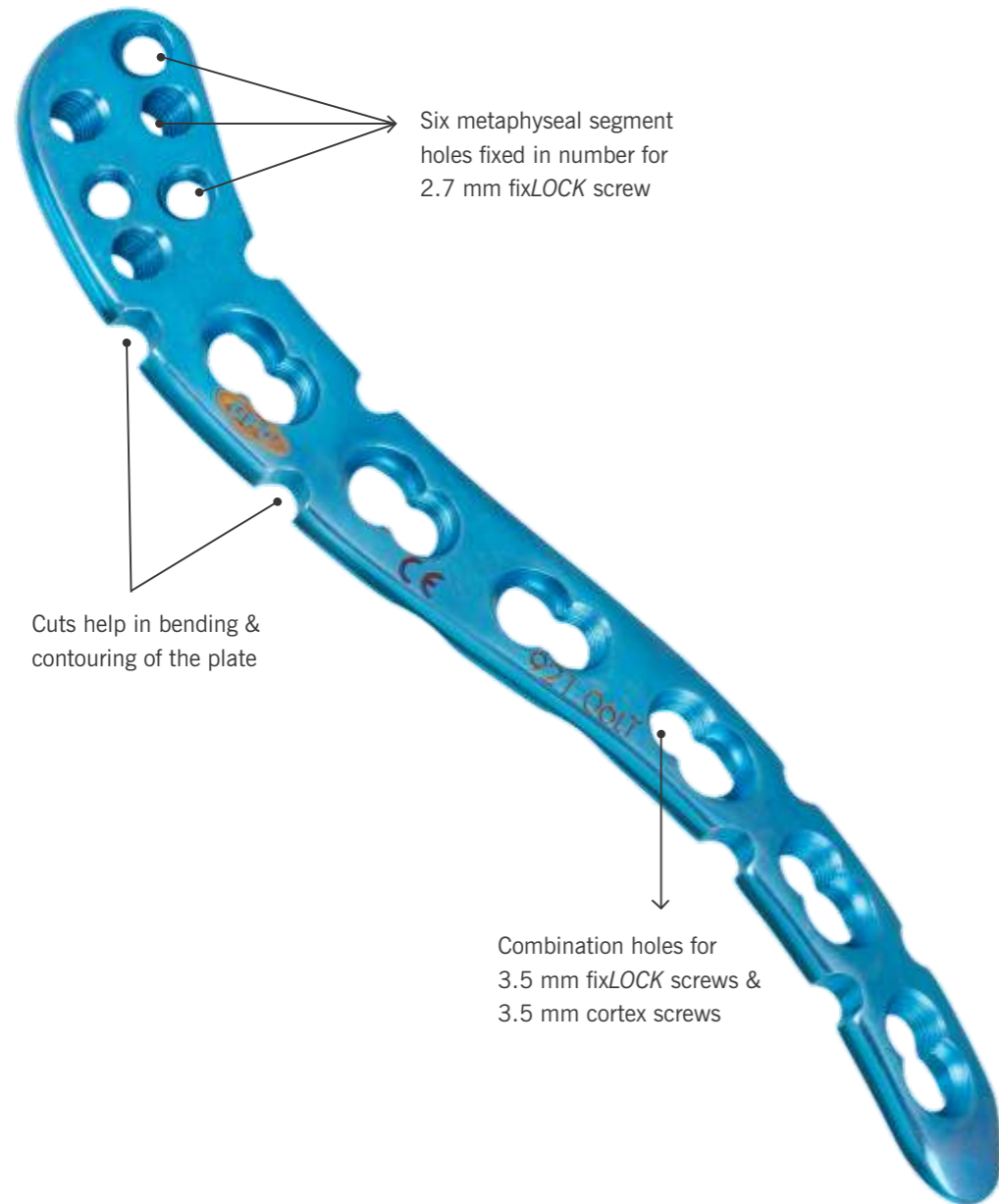


**fixLOCK Superior Anterior Clavicle Plate with Lateral Extension, 2.7/3.5 mm**

Item Code: 921

**Indications**

- Lateral clavicle fractures
- Fracture clavicle shaft
- Mal-unions of the clavicle
- Non-unions of the clavicle



**Features**

- Anatomically pre-contoured, right and left configured
- Twisted design with lateral portion placed over superior surface of the clavicle and proximal/medial portion placed over the anterior aspect of the clavicle
- Can be used for bridging osteosynthesis in cases of comminuted fractures of clavicle
- Low profile construct with minimum implant prominence or soft tissue irritation
- Smaller area of post-fixation avascularity
- Thin plate profile, easy to contour
- Available in both Titanium & Stainless Steel

**Sizes Available**

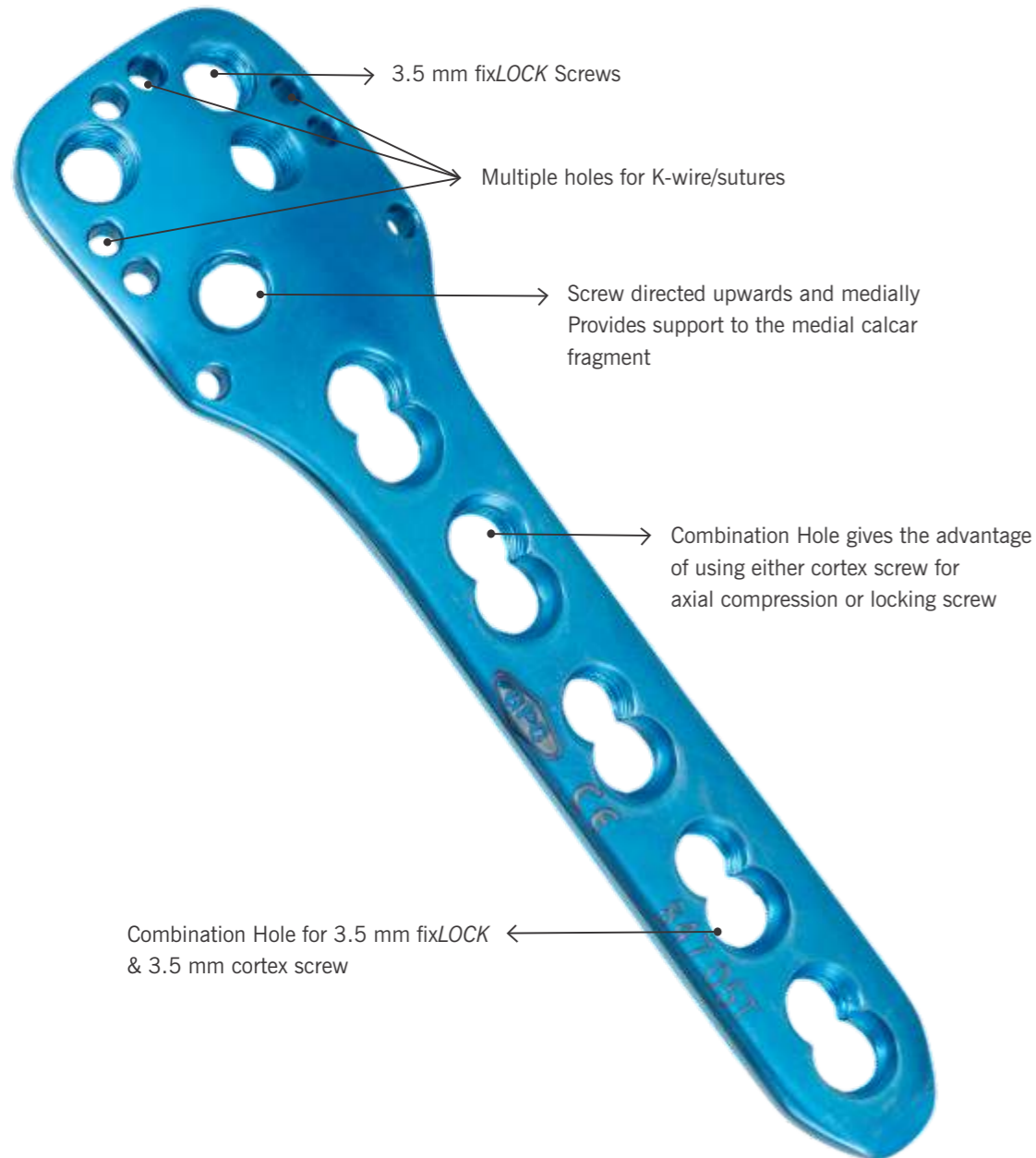
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
6	921.06L	921.06R	921.06TL	921.06TR
7	921.07L	921.07R	921.07TL	921.07TR
8	921.08L	921.08R	921.08TL	921.08TR

fixLOCK Proximal Humerus Plate, 3.5 mm

Item Code: 847

Indications

- Multifragmentary (dislocated) fractures proximal humerus
- Pseudarthrosis proximal humerus
- Osteotomies proximal humerus
- Non-union & mal-union proximal humerus



Features

- Universal for right & left humerus
- Low profile construct for minimum implant prominence
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and fixLOCK screws offers optimum fixation regardless of bone density
- Temporary reduction can be achieved by K-wire and the holes can later be utilized as suture holes
- Suture holes- For fixation of sutures or cerclage wires attached to rotator cuff muscles or the tubercles, it neutralizes the muscle tension and helps to maintain reduction
- Fixed angle stable construct with long oblique screw to stabilize medial calcar fragment
- Screw trajectory designed for optimal fixation of comminuted fractures
- Available in both Titanium & Stainless Steel

Sizes Available

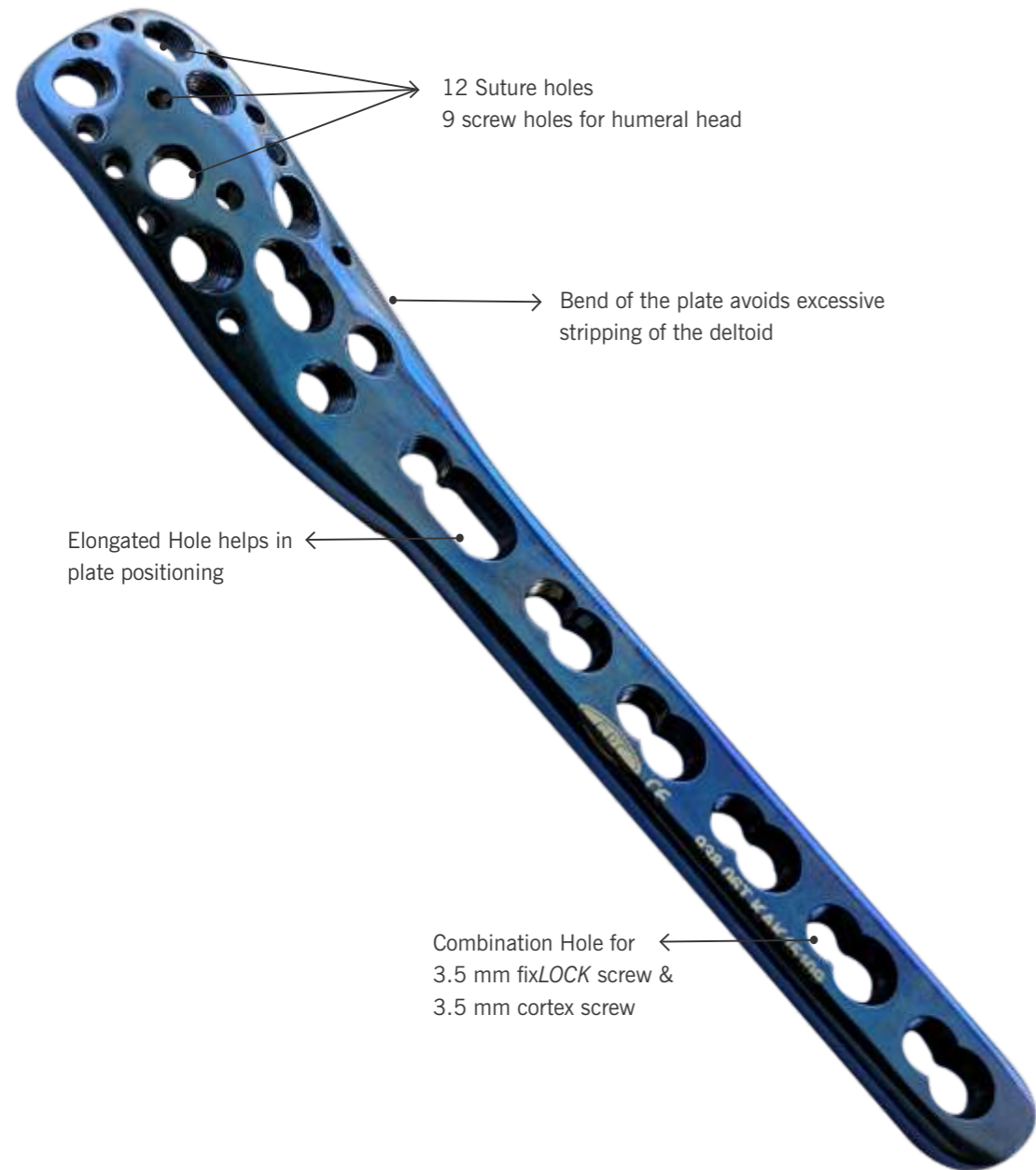
No. of Holes	Code	
	S.S.	Titanium
3	847.03	847.03T
4	847.04	847.04T
5	847.05	847.05T
6	847.06	847.06T
8	847.08	847.08T
10	847.10	847.10T

fixLOCK Philos Plate, 3.5 mm

Item Code: 938

Indications

- Multifragmentary (dislocated) fractures proximal humerus
- Pseudarthrosis proximal humerus
- Osteotomies proximal humerus
- Non-union & Mal-union proximal humerus



Features

- Universal for right & left humerus
- Implant is anatomically contoured better than 3.5 mm proximal humerus fixLOCK plate
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Temporary reduction can be achieved by K-wire and the holes can later be utilized as suture holes
- Screw trajectory designed for optimal fixation of comminuted fractures
- Suture holes- for fixation of sutures or cerclage wires attached to rotator cuff muscles or the tubercles, it neutralizes the muscle tension and helps to maintain reduction
- Fixed angle stable construct with long oblique screw to stabilize medial calcar fragment
- More screw options in humeral head as compared 3.5 mm proximal humerus fixLOCK plate
- Available in both Titanium & Stainless Steel

Sizes Available

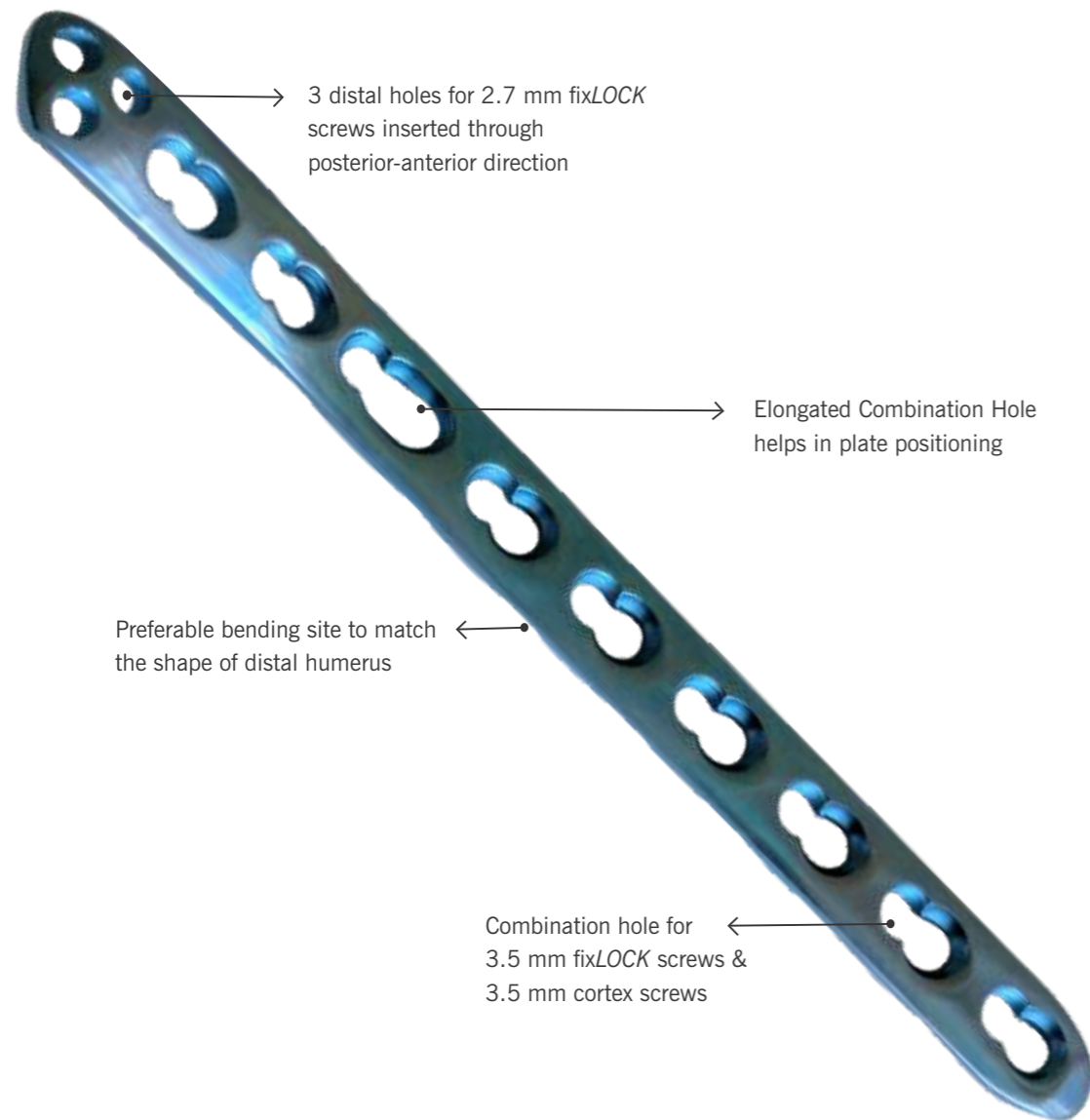
No. of Holes	Code	
	S.S.	Titanium
5	938.05	938.05T
6	938.06	938.06T
7	938.07	938.07T
8	938.08	938.08T
9	938.09	938.09T
10	938.10	938.10T
11	938.11	938.11T
12	938.12	938.12T

fixLOCK Distal Humerus Plate, 2.7 / 3.5 mm

Item Code: 905

Indications

- Intercondylar fracture distal humerus
- Supracondylar fracture distal humerus
- Osteotomy around distal humerus
- Fracture non-union distal humerus
- Ideally suitable for patient with small humerus in whom lateral support projects anteriorly giving soft tissue prominence



Features

- Anatomically shaped- right or left
- The plates are pre-shaped to match the anatomy of the distal humerus with a limited contact low profile design
- Tapered tip for submuscular insertion with minimal soft tissue stripping
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw-heads are recessed into the plate holes for minimum screw prominence
- Bending of the distal part is recommended to adjust the optimal position of plate for placement of long screws through the articular block
- Bending to be done in the region of combination holes as it frequently alters the thread pattern of locking hole
- Available in both Titanium & Stainless Steel

Sizes Available

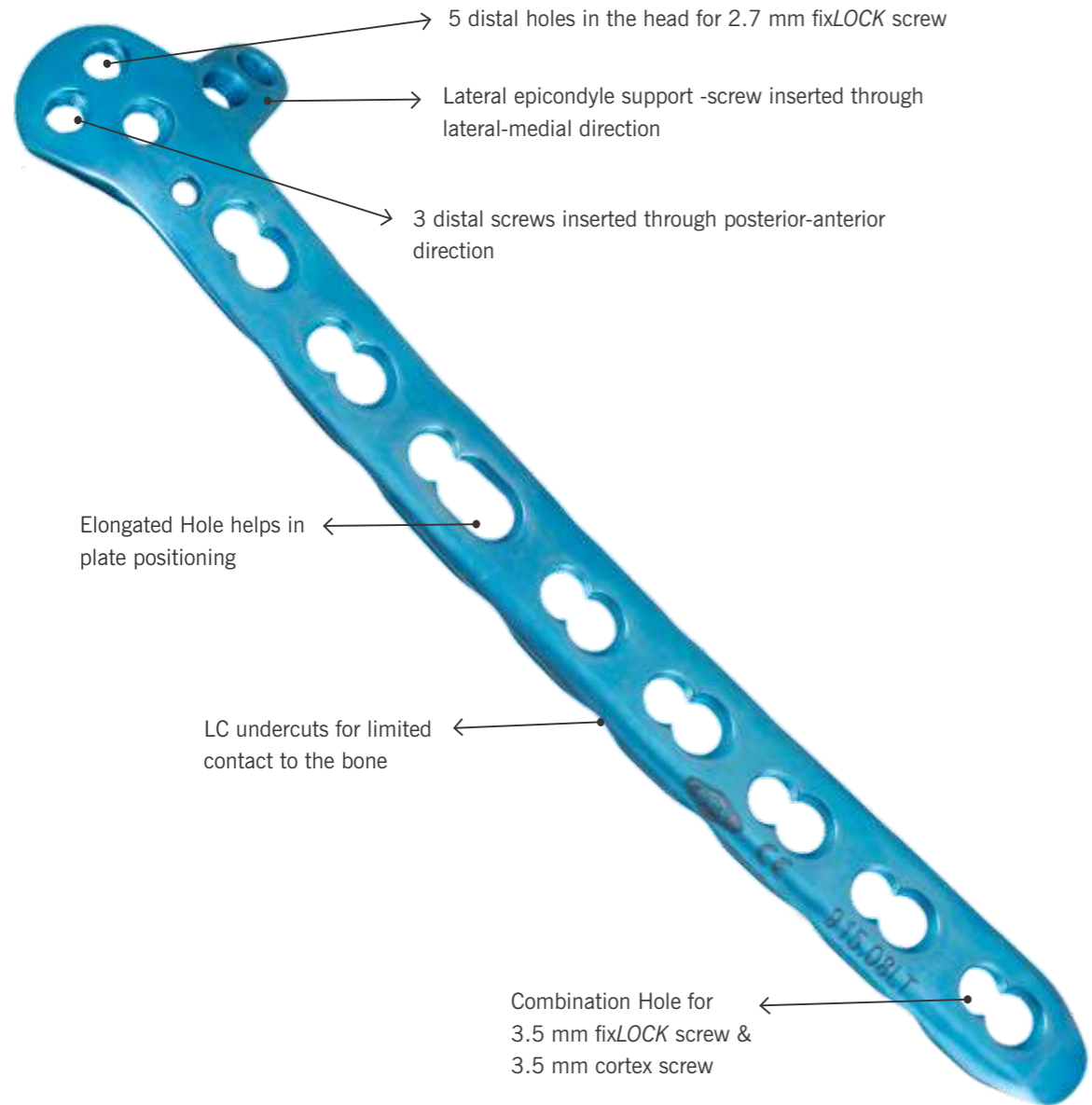
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	905.03L	905.03R	905.03TL	905.03TR
5	905.05L	905.05R	905.05TL	905.05TR
7	905.07L	905.07R	905.07TL	905.07TR
9	905.09L	905.09R	905.09TL	905.09TR
14	905.14L	905.14R	905.14TL	905.14TR

**fixLOCK Distal Humerus Plate Dorsolateral, with Lateral Support, 2.7 mm/3.5 mm**

Item Code: 915

**Indications**

- Intercondylar fracture distal humerus
- Supracondylar fracture distal humerus
- Osteotomy around distal humerus
- Fracture non-union distal humerus



**Features**

- Anatomically shaped- right or left
- The plates are pre-shaped to match the anatomy of the distal humerus with a limited contact low profile design
- Tapered tip for submuscular insertion with minimal soft tissue stripping
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw-heads are recessed into the plate holes for minimum screw prominence
- Screw trajectory designed for optimal fixation of comminuted fractures
- Bending of the distal part is recommended to adjust the optimal position of plate for placement of long screws through the articular block
- Bending to be done in the region of combination holes as it frequently alters the thread pattern of locking hole
- Available in both Titanium & Stainless Steel

**Sizes Available**

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	915.03L	915.03R	915.03TL	915.03TR
5	915.05L	915.05R	915.05TL	915.05TR
7	915.07L	915.07R	915.07TL	915.07TR
9	915.09L	915.09R	915.09TL	915.09TR
11	915.11L	915.11R	915.11TL	915.11TR
13	915.13L	915.13R	915.13TL	915.13TR

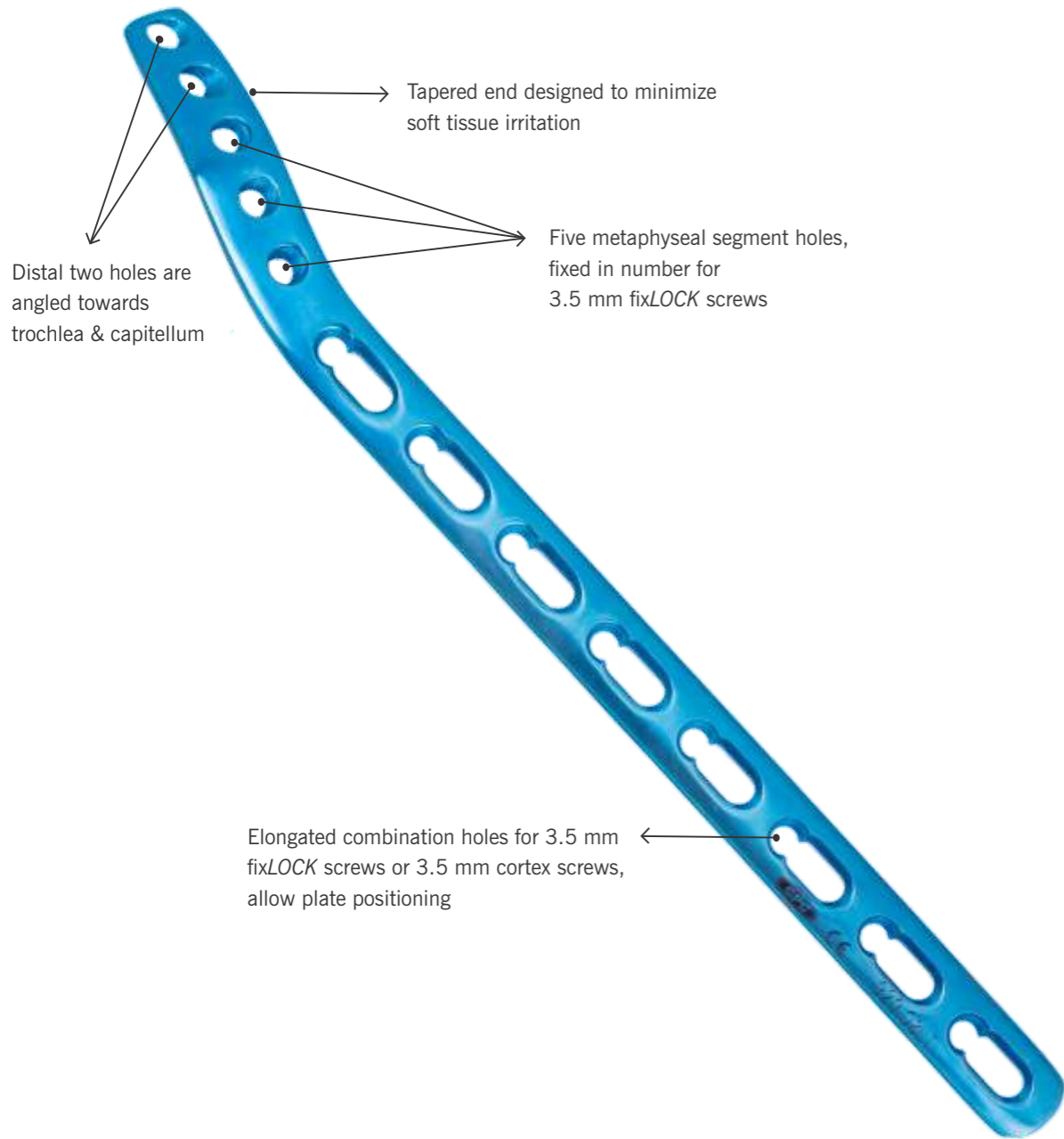


fixLOCK Distal Lateral Humerus Plate, Extra Articular, 3.5 mm

Item Code: 929

Indications

- Extra-articular fractures of distal humerus
- Mal-unions and non-unions distal humerus



Features

- Anatomically pre-contoured, right & left configured plates
- Limited contact, locking plate
- Tapered end designed to minimize soft tissue irritation
- Smooth transition from thin metaphyseal segment and thicker shaft segment
- Smaller area of post-fixation avascularity
- Distal metaphyseal end curves along the back of the lateral column of humerus
- Available in both Titanium & Stainless Steel

Sizes Available

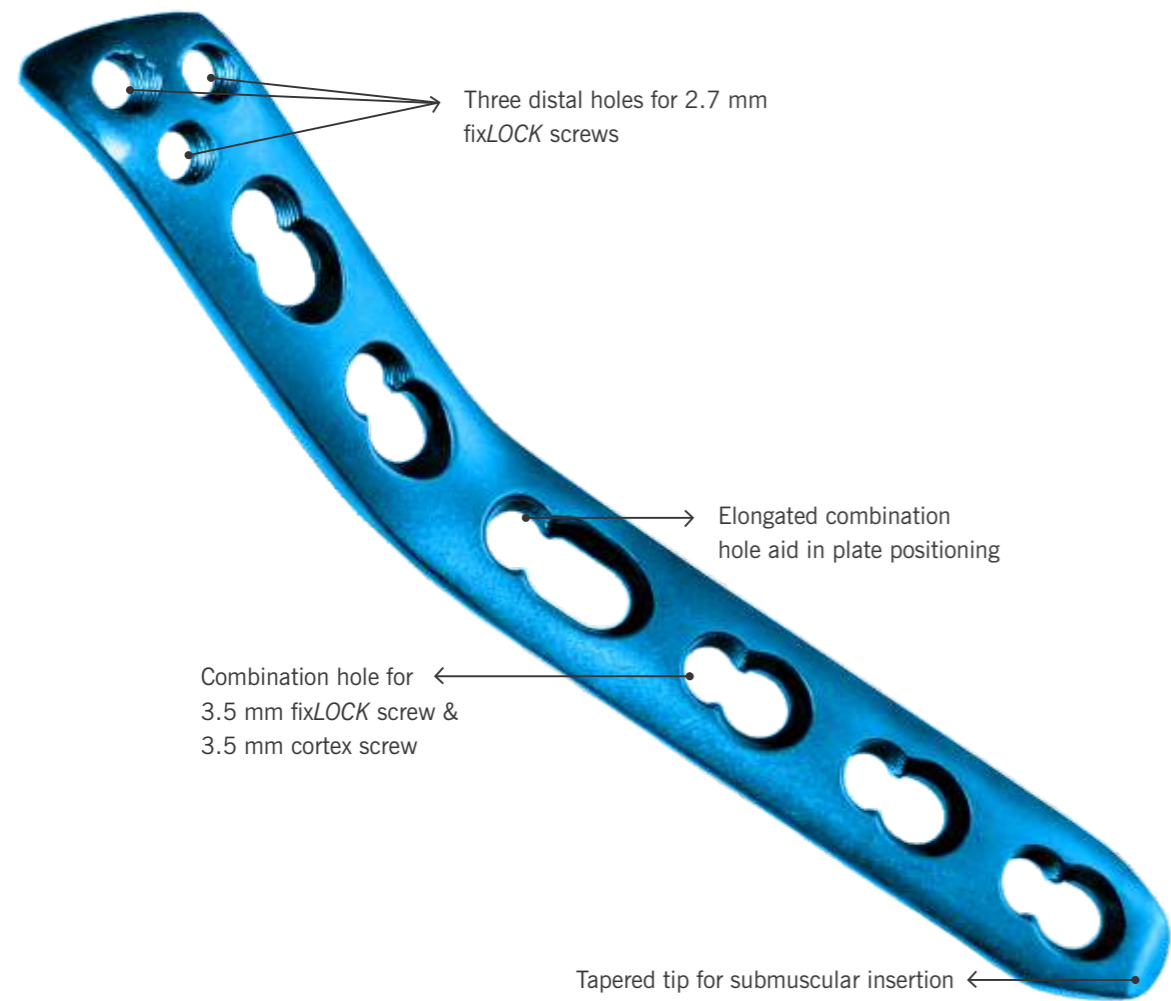
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	929.03L	929.03R	929.03TL	929.03TR
5	929.05L	929.05R	929.05TL	929.05TR
7	929.07L	929.07R	929.07TL	929.07TR
9	929.09L	929.09R	929.09TL	929.09TR
11	929.11L	929.11R	929.11TL	929.11TR
13	929.13L	929.13R	929.13TL	929.13TR

fixLOCK Medial Distal Humerus Plate, 2.7/3.5 mm

Item Code: 927

Indications

- Intraarticular fracture of distal humerus
- Supracondylar fracture of distal humerus
- Osteotomy around distal humerus
- Fracture non-union distal humerus



Features

- Anatomically pre-contoured, right & left configured plates
- The plates are pre-shaped to match the anatomy of the distal humerus with a limited contact low profile design
- The plate is designed to anatomically adapt to the medial side of the distal humerus
- Tapered tip for submuscular insertion with minimal soft tissue stripping
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Choice of five lengths of plate, eliminates the need to cut plates
- Available in both Titanium & Stainless Steel

Two plate technique may also be used. Medial distal humerus plate along with the distal humerus plate with lateral extension creates a fixed bone plate construct which strengthens the fixation. In this technique, the distal humerus plate with lateral extension acts as a tension band during the flexion of the elbow, whereas the medial one supports the distal humerus, medially.

Sizes Available

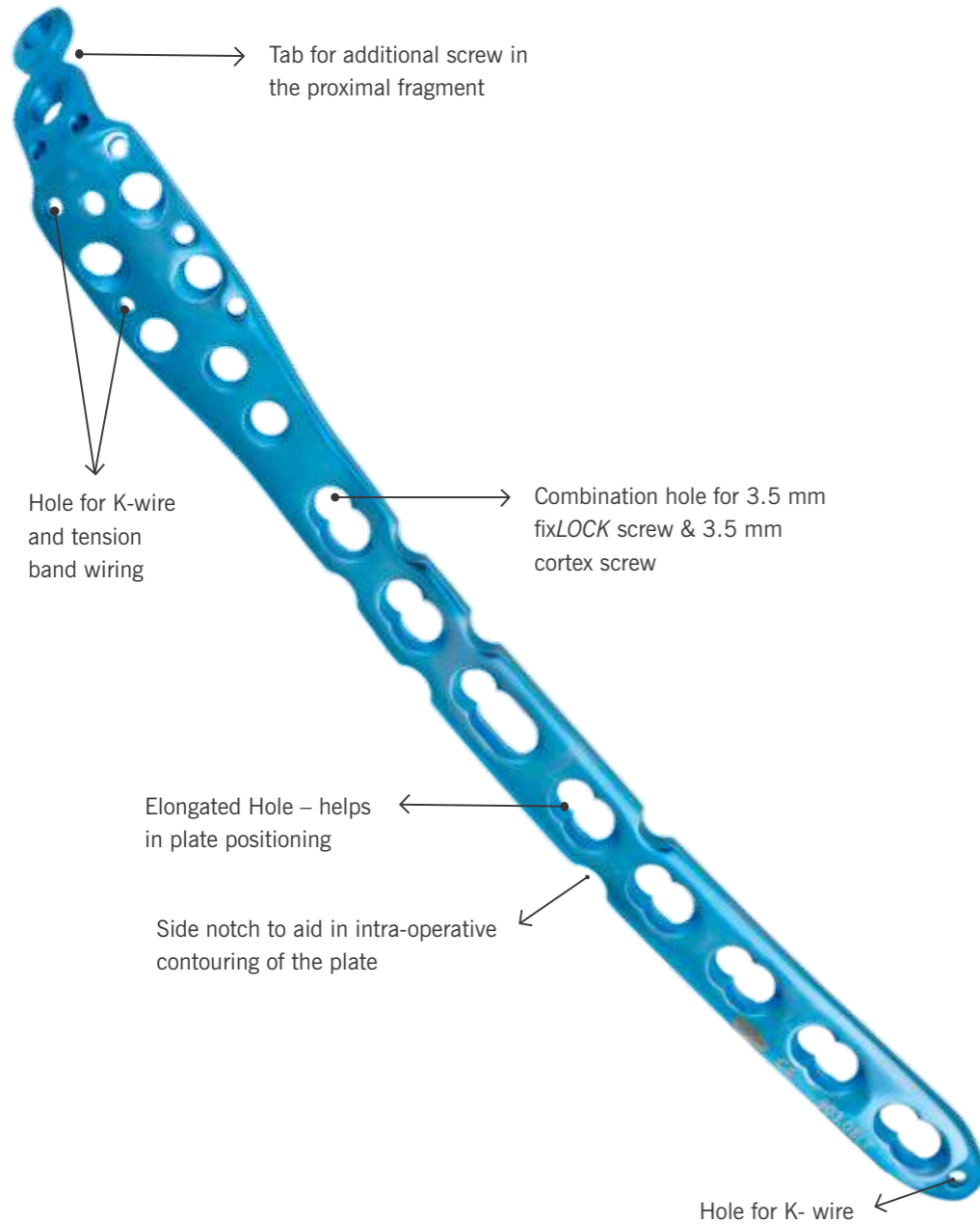
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	927.03L	927.03R	927.03TL	927.03TR
5	927.05L	927.05R	927.05TL	927.05TR
7	927.07L	927.07R	927.07TL	927.07TR
9	927.09L	927.09R	927.09TL	927.09TR
11	927.11L	927.11R	927.11TL	927.11TR
14	927.14L	927.14R	927.14TL	927.14TR

fixLOCK Olecranon Plate, 3.5 mm

Item Code: 903

Indications

- Complex extra and intra-articular olecranon fractures
- Simple olecranon fractures
- Pseudoarthrosis of the proximal ulna
- Repair of olecranon after distal humerus surgery



Features

- Anatomically pre-contoured, right and left configured
- Used over the tensile surface of bones to work on tension band principle
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Pre-determined position and angle of the screws are adapted to allow reduction of fractures
- Smooth transition from thin proximal segment to thicker shaft segment of the plate
- Metaphyseal segment has 8 holes for 3.5 mm fixLOCK screws or 2.7 mm cortex screws including 1 hole in the tab
- Available in both Titanium & Stainless Steel

Sizes Available

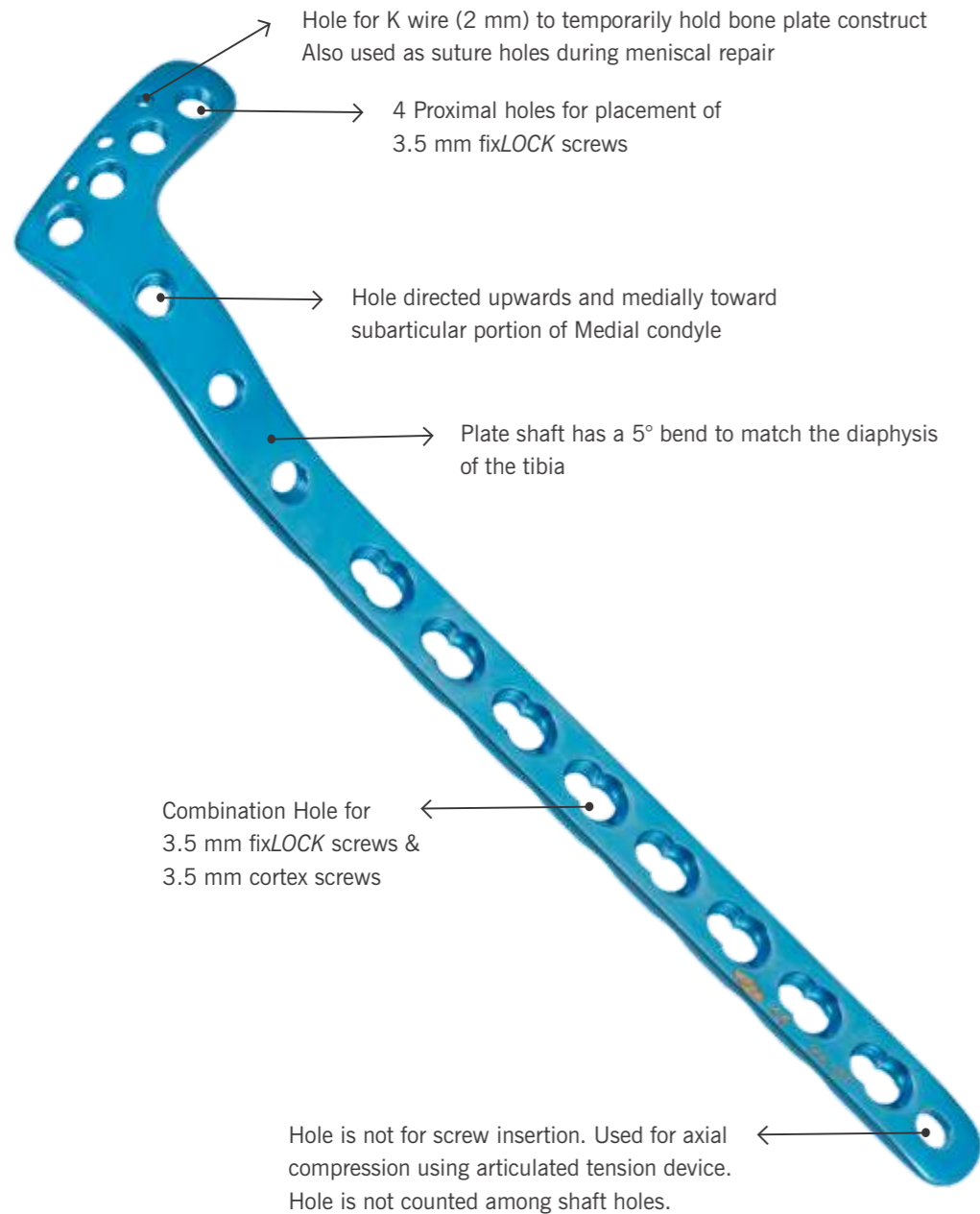
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
6	903.06L	903.06R	903.06TL	903.06TR
7	903.07L	903.07R	903.07TL	903.07TR
8	903.08L	903.08R	903.08TL	903.08TR
9	903.09L	903.09R	903.09TL	903.09TR
10	903.10L	903.10R	903.10TL	903.10TR

fixLOCK Proximal Tibia Plate, 3.5 mm

Item Code: 906

Indications

- Split-type fractures of the lateral tibial plateau
- Lateral split fractures with associated depressions
- Pure central depression fractures
- Split or depression fractures of the medial plateau
- Bicondylar fractures
- Mal-unions and non-unions of the proximal tibia and tibial shaft



Features

- Anatomically shaped- right or left configured
- Fixed angle construct with convergence of proximal screws and the obliquely directed screws
- Beveled tip for submuscular insertion with minimal soft tissue stripping
- Smaller area of post-fixation avascularity
- Long plates are available which are suitable for fracture extending distally into the shaft
- Smooth transition from thin proximal segment and thick shaft segment makes the plate auto-contourable. With plate fixed to the proximal segment when first screw used in shaft segment is cortex screw, plate further contours according to the patients' bone
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw heads are recessed into the plate holes for minimum screw prominence
- Available in both Titanium & Stainless Steel

Sizes Available

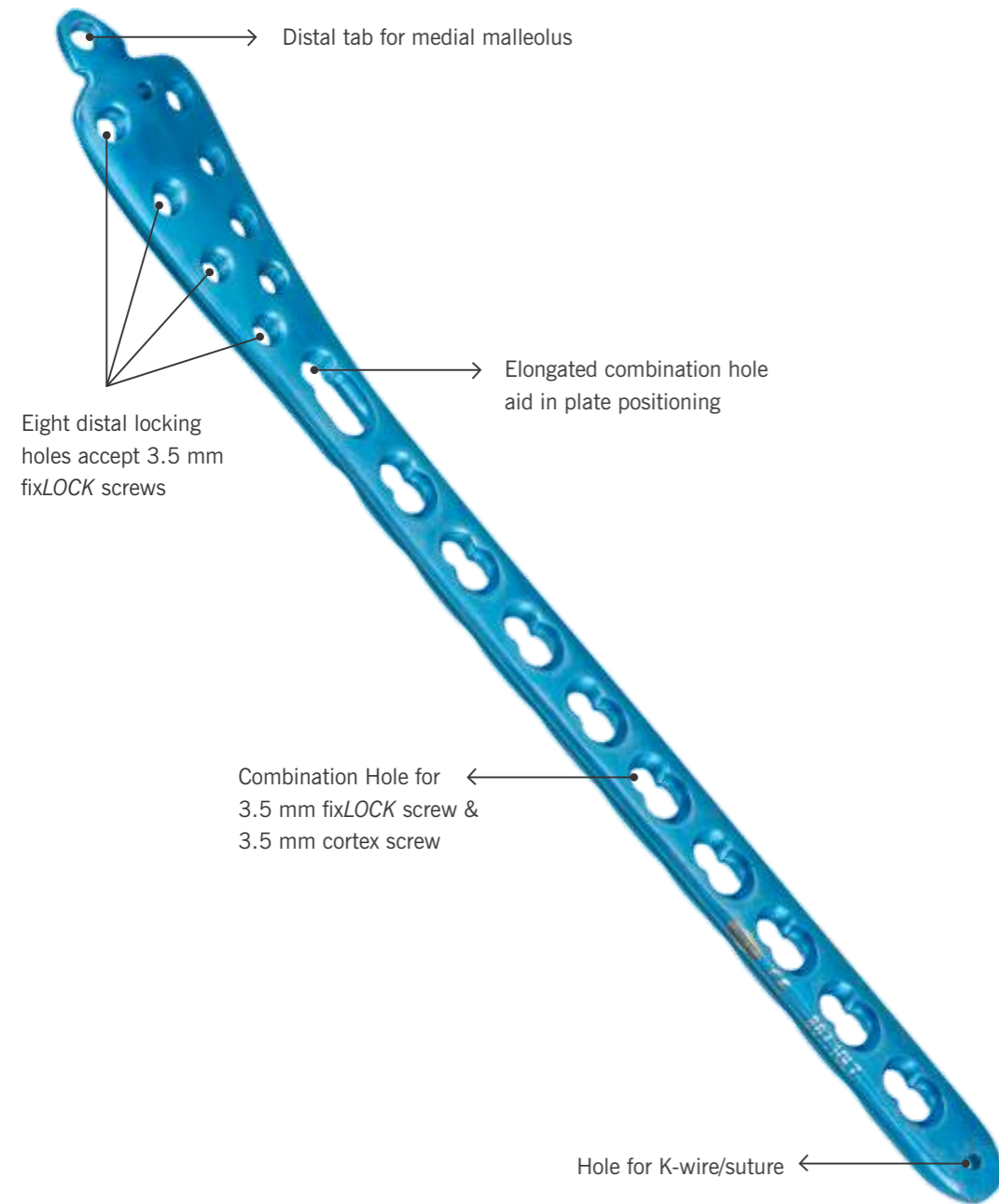
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	906.04L	906.04R	906.04TL	906.04TR
6	906.06L	906.06R	906.06TL	906.06TR
8	906.08L	906.08R	906.08TL	906.08TR
10	906.10L	906.10R	906.10TL	906.10TR
12	906.12L	906.12R	906.12TL	906.12TR
14	906.14L	906.14R	906.14TL	906.14TR

fixLOCK Medial Distal Tibia End Plate with Tab, 3.5 mm

Item Code: 867

Indications

- Complex intra & extra articular fracture distal tibia
- Osteotomy around distal tibia
- Management of osteoporotic fracture
- Fracture non-union distal end tibia



Features

- Anatomically contoured for right & left tibia
- Low profile construct with minimum implant prominence or soft tissue irritation
- Distal tab for optional medial malleolus accept 3.5 mm fixLOCK screws
- Eight distal locking holes in the head of the plate for 3.5 mm fixLOCK screw
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offer optimum fixation regardless of bone density
- Screw heads are recessed into the plate holes for minimum screw prominence
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	867.04L	867.04R	867.04TL	867.04TR
6	867.06L	867.06R	867.06TL	867.06TR
8	867.08L	867.08R	867.08TL	867.08TR
10	867.10L	867.10R	867.10TL	867.10TR
12	867.12L	867.12R	867.12TL	867.12TR
14	867.14L	867.14R	867.14TL	867.14TR
16	867.16L	867.16R	867.16TL	867.16TR
18	867.18L	867.18R	867.18TL	867.18TR

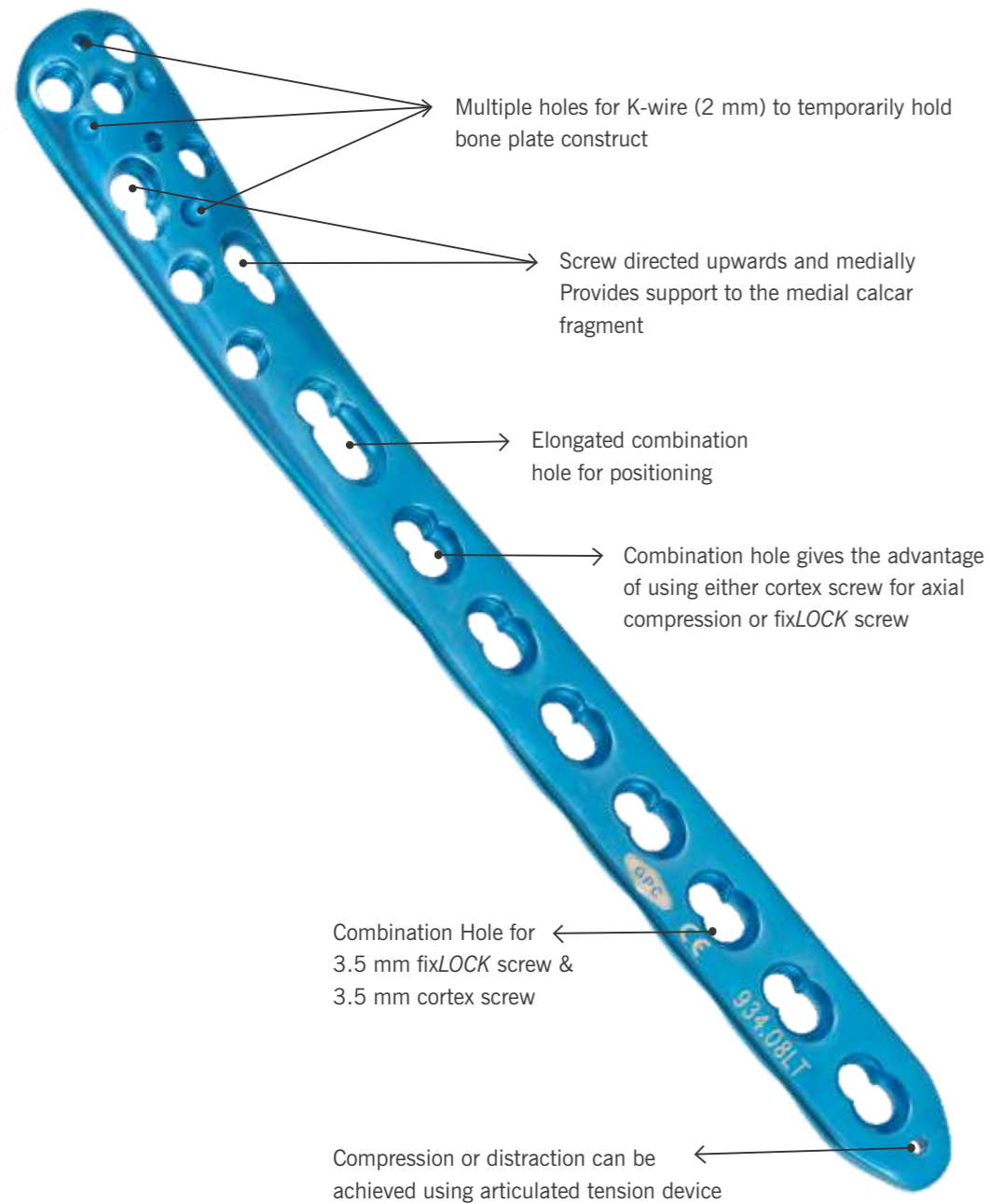


fixLOCK Medial Distal Tibia Plate without Tab, 3.5 mm

Item Code: 934

Indications

- Complex periarticular fracture distal end tibia
- Osteotomy around distal tibia
- Management of osteoporotic fractures
- Fracture non-union distal end tibia



Features

- Anatomically shaped- right or left
- Low profile construct with minimum implant prominence or soft tissue irritation
- Well contoured curvature of the plate
- fixLOCK screws at the curvature to ensure strength to the construct even if the screw purchase is compromised
- Tapered tip for submuscular insertion with minimal soft tissue stripping
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw heads are recessed into the plate holes for minimum screw prominence
- Available in both Titanium & Stainless Steel

Sizes Available

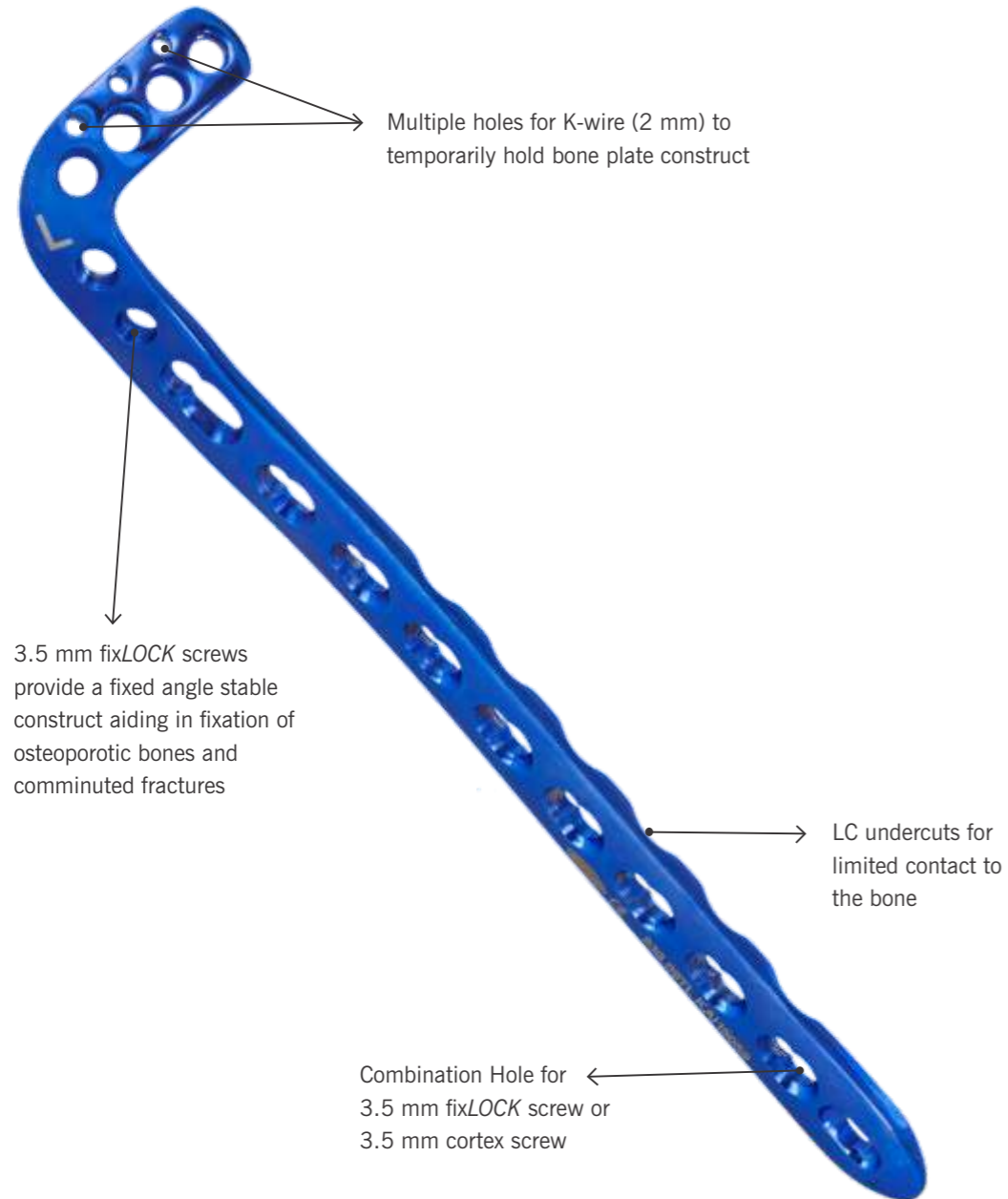
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	934.04L	934.04R	934.04TL	934.04TR
6	934.06L	934.06R	934.06TL	934.06TR
8	934.08L	934.08R	934.08TL	934.08TR
10	934.10L	934.10R	934.10TL	934.10TR
12	934.12L	934.12R	934.12TL	934.12TR
14	934.14L	934.14R	934.14TL	934.14TR

fixLOCK Anterolateral Distal Tibia Plate, 3.5 mm

Item Code: 936

Indications

- Comminuted fracture distal end tibia- periarticular & intrarticular
- Osteotomy around distal tibia
- Management of osteoporotic fractures
- Fracture non-union distal end tibia



Features

- Anatomically shaped- right or left
- Low profile construct with minimum implant prominence or soft tissue irritation
- Helical twist ensures well contoured plate for laterally placed shaft holes and anteriorly placed metaphyseal segment holes
- fixLOCK screws at the curvature to ensure strength to the construct even if the screw purchase is compromised
- Tapered tip for submuscular insertion with minimal soft tissue stripping
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- Available in both Titanium & Stainless Steel

Sizes Available

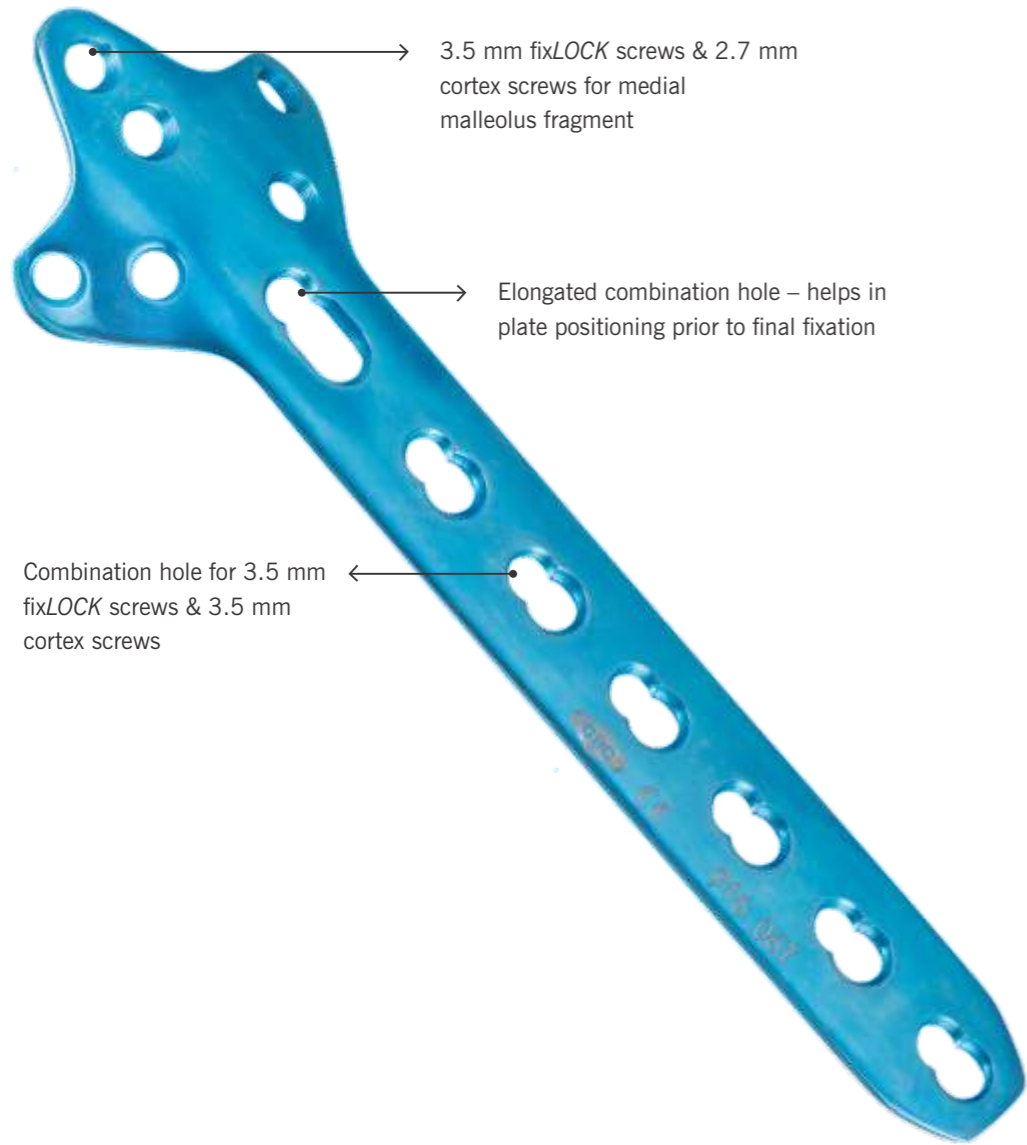
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
4	936.04L	936.04R	936.04TL	936.04TR
6	936.06L	936.06R	936.06TL	936.06TR
8	936.08L	936.08R	936.08TL	936.08TR
10	936.10L	936.10R	936.10TL	936.10TR
12	936.12L	936.12R	936.12TL	936.12TR
14	936.14L	936.14R	936.14TL	936.14TR

**fixLOCK Cloverleaf Plate, 3.5 mm**

Item Code: 916

**Indications**

- Periarticular fracture distal end tibia, with plate placed medially
- Comminuted humeral head fractures



**Features**

- Low profile construct for ease of contouring by bending or cutting the distal projections
- Fixed angle construct with multiple screw option in distal metaphysis gives surgeon a versatile fixation option
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw heads are recessed into the plate holes for minimum screw prominence especially when used over medial aspect
- Available in both Titanium & Stainless Steel

**Sizes Available**

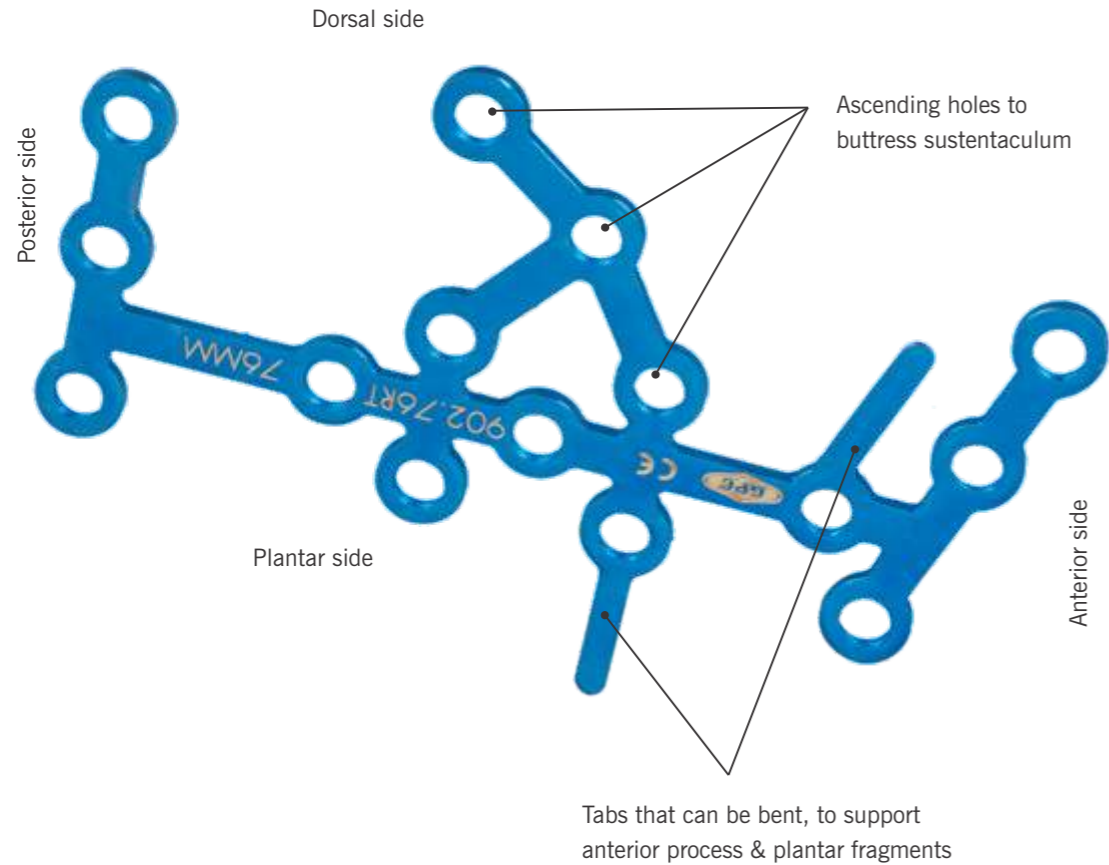
No. of Holes	Code	
	S.S.	Titanium
3	916.03	916.03T
4	916.04	916.04T
5	916.05	916.05T
6	916.06	916.06T
7	916.07	916.07T
8	916.08	916.08T

fixLOCK Calcaneal Plate, 3.5 mm

Item Code: 902

Indications

- Complex fracture of the calcaneus
- Osteotomies & fractures of the calcaneus including extra articular, intra articular, joint depression, tongue type & severely comminuted fractures



Features

- Anatomically shaped- right or left configured
- Low implant profile for minimal soft tissue irritation and easy to cut undesired holes according to patients bone geometry
- Versatile 15-hole plate, for multiple fracture patterns
- Customized screw selection 3.5 mm fixLOCK screws, 3.5 mm cortex screws
- Dorsal and plantar bending tabs
- To be contoured prior to placing screws using two locking drill sleeves tightened into the threaded holes and applying minimal pressure
- Fixed angle construct with support to subarticular region and buttressing of sustentaculum
- Placed through standard lateral approach
- Available in both Titanium & Stainless Steel

Sizes Available

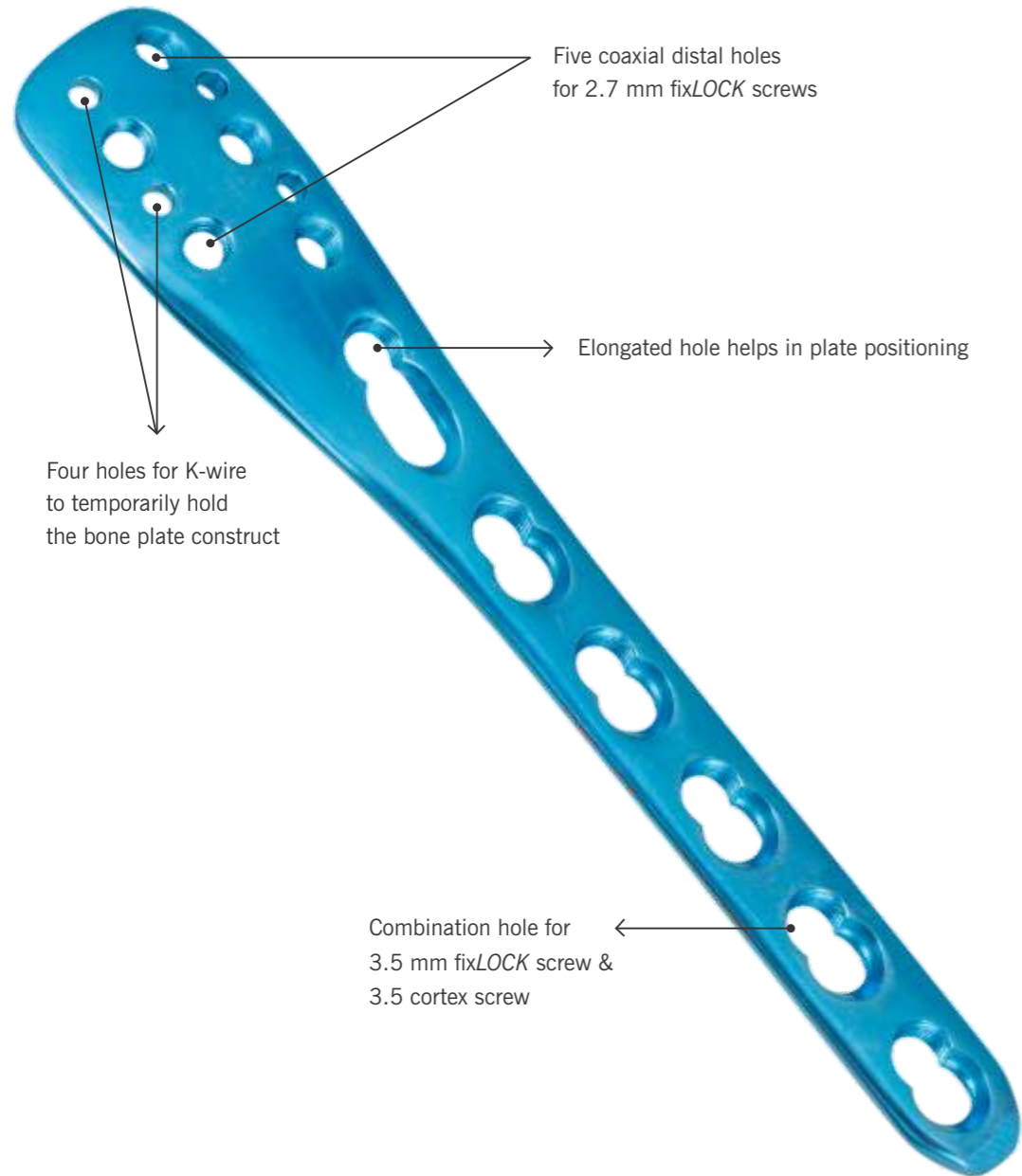
Laterally	Size	Code	
		S.S.	Titanium
Left	69 mm	902.69L	902.69TL
Left	76 mm	902.76L	902.76TL
Right	69 mm	902.69R	902.69TR
Right	76 mm	902.76R	902.76TR

fixLOCK Distal Lateral Fibula Plate, 2.7/3.5 mm

Item Code: 942

Indications

- Fracture metaphysis or diaphysis distal fibula, particularly in osteopenic bones
- Osteotomies distal fibula
- Non-union distal fibula



Features

- Anatomically shaped- right or left configured
- The plates are pre-shaped to match the anatomy of distal fibula, laterally
- Tapered tip for submuscular insertion with minimal soft tissue stripping
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Screw-heads are recessed into the plate holes for minimum screw prominence
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	942.03L	942.03R	942.03TL	942.03TR
5	942.05L	942.05R	942.05TL	942.05TR
7	942.07L	942.07R	942.07TL	942.07TR
9	942.09L	942.09R	942.09TL	942.09TR
11	942.11L	942.11R	942.11TL	942.11TR



fixLOCK Distal Radius Buttress Plate, 2.4 mm

Item Code: 924

Indications

- Volar Barton fracture
- Palmarly/Dorsally displaced extra-articular fractures
- Intraarticular fractures distal end radius



Features

- Anatomically shaped- right or left configured
- Low profile construct with minimum implant prominence as screw head sits well in the holes
- Fracture stability achieved with volar buttress plate decreases the use of fracture augmentation procedures such as grafting or bone cement
- Available in both Titanium & Stainless Steel

Sizes Available

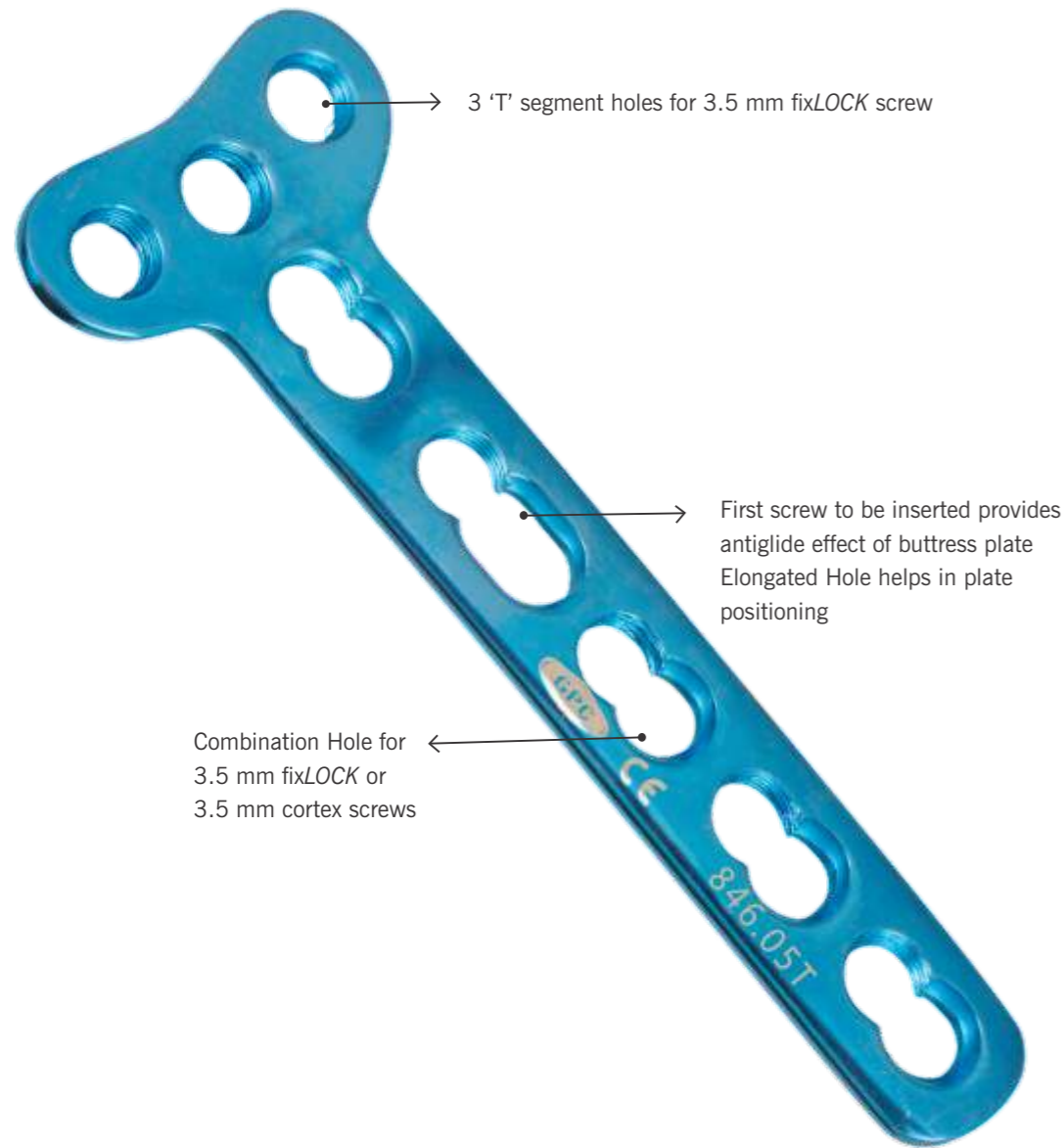
No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	924.03L	924.03R	924.03TL	924.03TR
4	924.04L	924.04R	924.04TL	924.04TR
5	924.05L	924.05R	924.05TL	924.05TR
6	924.06L	924.06R	924.06TL	924.06TR

fixLOCK T- Plate with 3 Head Holes, 3.5 mm

Item Code: 846

Indications

- Juxtaarticular fractures distal humerus, distal tibia, proximal tibia, distal femur
- Volar Barton fracture
- Palmarly/Dorsally displaced extra-articular fractures distal end radius
- Posteromedial fragment proximal tibia
- Ideal to buttress small fracture fragment with the diaphysis



Features

- Low profile construct with minimum implant prominence or soft tissue irritation
- Thin plate profile easy to contour
- Plate thickness 4 mm
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- Long plates useful in cases of diaphyseal extension of periarticular fractures
- Available in both Titanium & Stainless Steel

Sizes Available

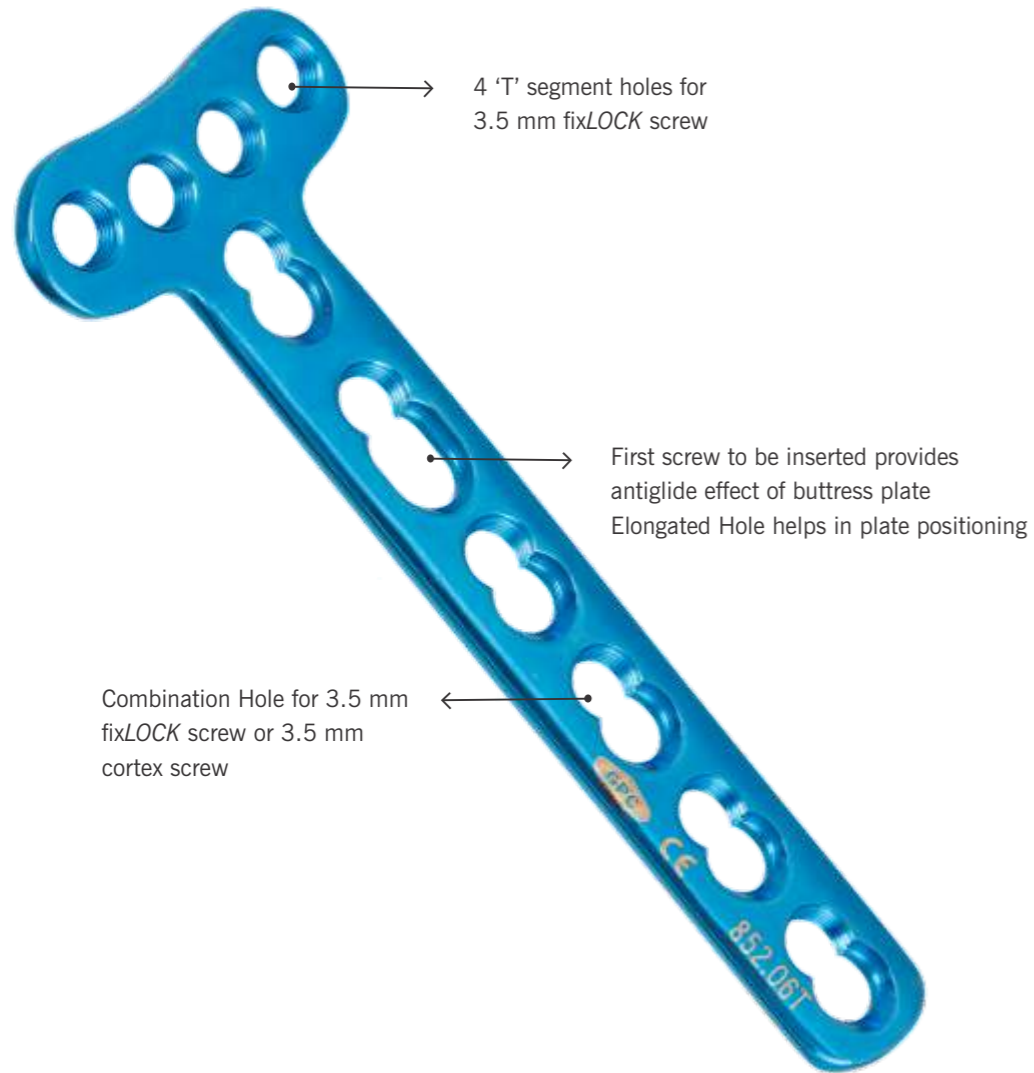
No. of Holes	Code	
	S.S.	Titanium
3	846.03	846.03T
4	846.04	846.04T
5	846.05	846.05T
6	846.06	846.06T
7	846.07	846.07T
8	846.08	846.08T

fixLOCK T-Plate with 4 Head Holes, 3.5 mm

Item Code: 852

Indications

- Juxtaarticular fractures distal humerus, distal tibia, proximal tibia, distal femur
- Volar Barton fracture
- Palmarly/Dorsally displaced extra-articular fractures distal end radius
- Posteromedial fragment proximal tibia



Features

- Low profile construct with minimum implant prominence or soft tissue irritation
- Thin plate profile easy to contour
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- Available in both Titanium & Stainless Steel

Sizes Available

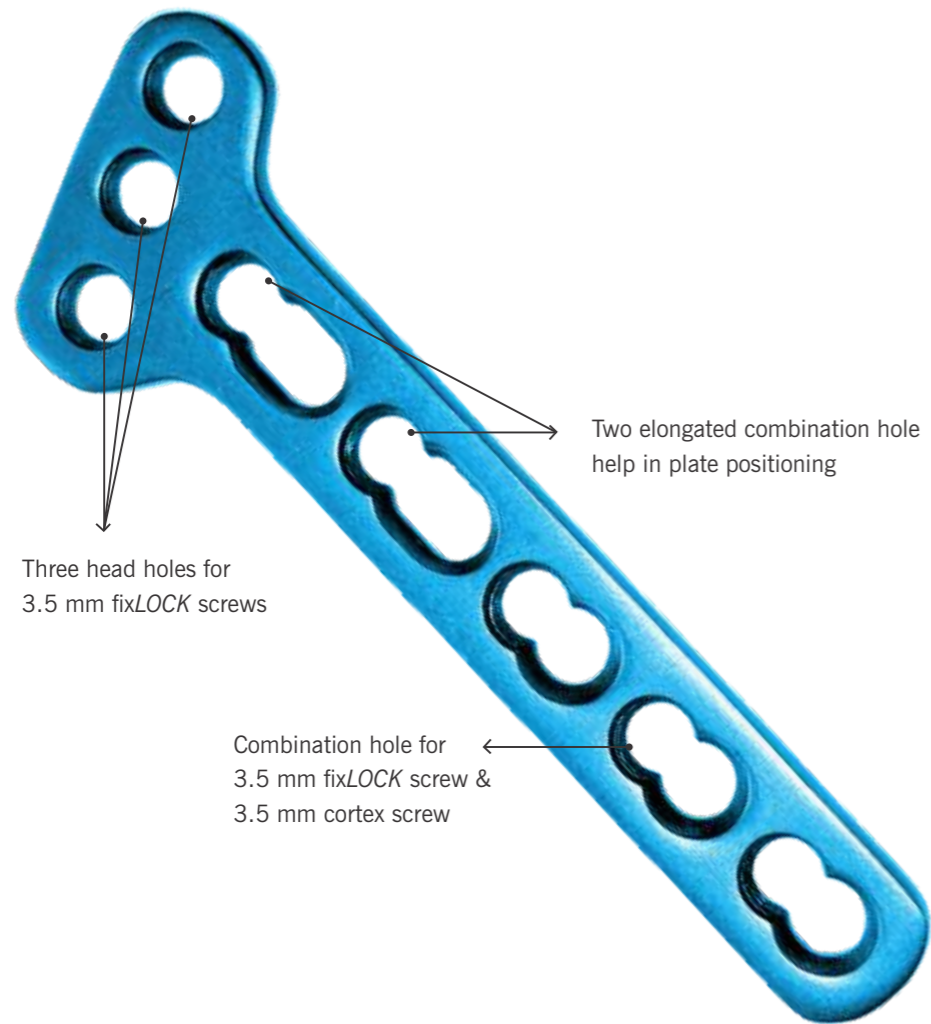
No. of Holes	Code	
	S.S.	Titanium
4	852.04	852.04T
5	852.05	852.05T
6	852.06	852.06T
7	852.07	852.07T
8	852.08	852.08T

fixLOCK T-Plate Oblique, 3.5 mm

Item Code: 860

Indications

- Intraarticular fracture of distal end radius
- Palmarly/Dorsally displaced extra-articular fracture distal end radius
- Juxtaarticular fractures of distal humerus, distal tibia



Features

- Anatomically shaped- right or left configured
- Low profile construct with minimum implant prominence or soft tissue irritation
- Thin plate profile easy to contour
- Smaller area of post-fixation avascularity
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Stainless Steel		Titanium	
	Code- Left	Code- Right	Code- Left	Code- Right
3	860.03L	860.03R	860.03TL	860.03TR
4	860.04L	860.04R	860.04TL	860.04TR
5	860.05L	860.05R	860.05TL	860.05TR
6	860.06L	860.06R	860.06TL	860.06TR
7	860.07L	860.07R	860.07TL	860.07TR
8	860.08L	860.08R	860.08TL	860.08TR
9	860.09L	860.09R	860.09TL	860.09TR
10	860.10L	860.10R	860.10TL	860.10TR

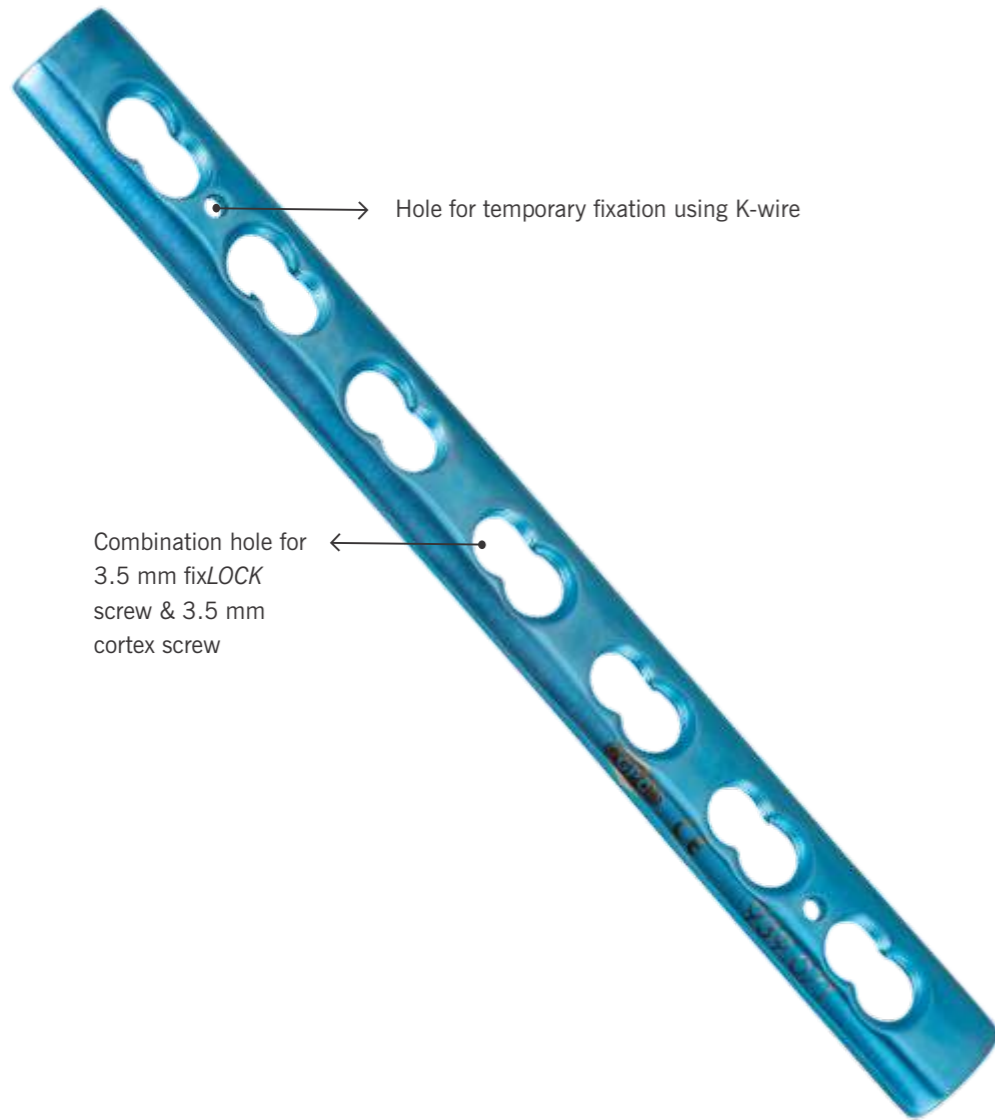
fixLOCK One Third Tubular Plate, 3.5 mm

Item Code: 939

Indications

Used as buttress plates for fixation of fractures with minimum soft tissue covering:

- Lateral malleolus
- Metatarsals
- Metacarpals
- Olecranon
- Distal Ulna
- Fibula



Features

- Easily contoured and moulded according to the surgeons' requirement
- Low profile construct for minimum implant prominence
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	939.04	939.04T
5	939.05	939.05T
6	939.06	939.06T
7	939.07	939.07T
8	939.08	939.08T
9	939.09	939.09T
10	939.10	939.10T
11	939.11	939.11T
12	939.12	939.12T
13	939.13	939.13T
14	939.14	939.14T

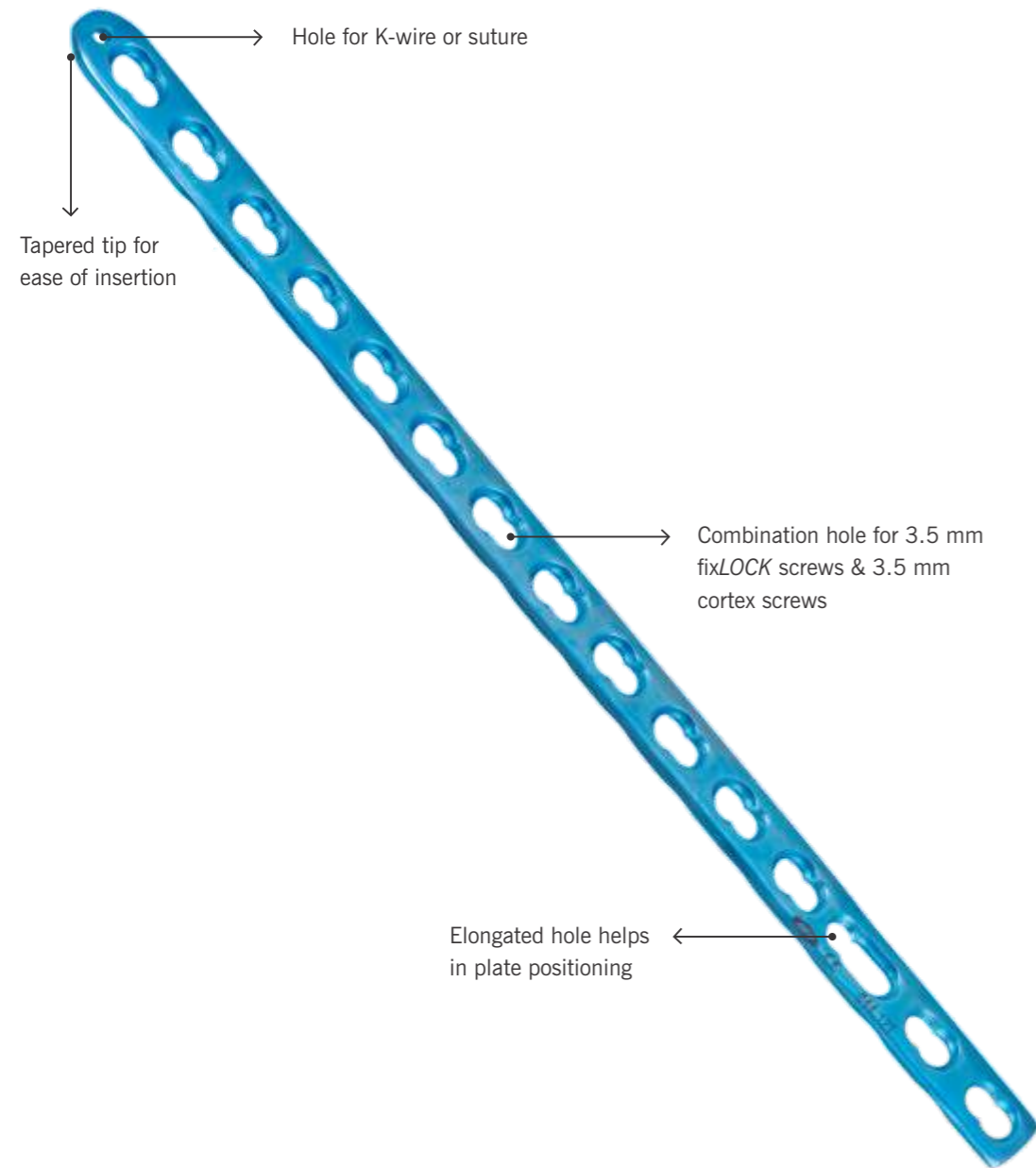


fixLOCK Metaphyseal Plate, 3.5 mm

Item Code: 843

Indications

- Extraarticular fracture of metaphysis that extend into the shaft
- Fracture distal tibia
- Fracture distal humerus



Features

- Thinner profile on one end allows contouring to address characteristics of metaphysis
- Tapered tip for ease of insertion
- Suture hole at the end of the plate for temporary fixation
- Elongated hole allows longitudinal adjustment of the plate, prior to insertion & tightening of screws
- Smooth transition from thin metaphyseal segment to thicker shaft segment
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- LC undercuts for limited contact to the bone
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
5	843.05	843.05T
7	843.07	843.07T
8	843.08	843.08T
9	843.09	843.09T
10	843.10	843.10T
11	843.11	843.11T
12	843.12	843.12T
14	843.14	843.14T
16	843.16	843.16T
18	843.18	843.18T
20	843.20	843.20T
22	843.22	843.22T
24	843.24	843.24T

fixLOCK Metaphyseal Plate, 4.5 mm also available

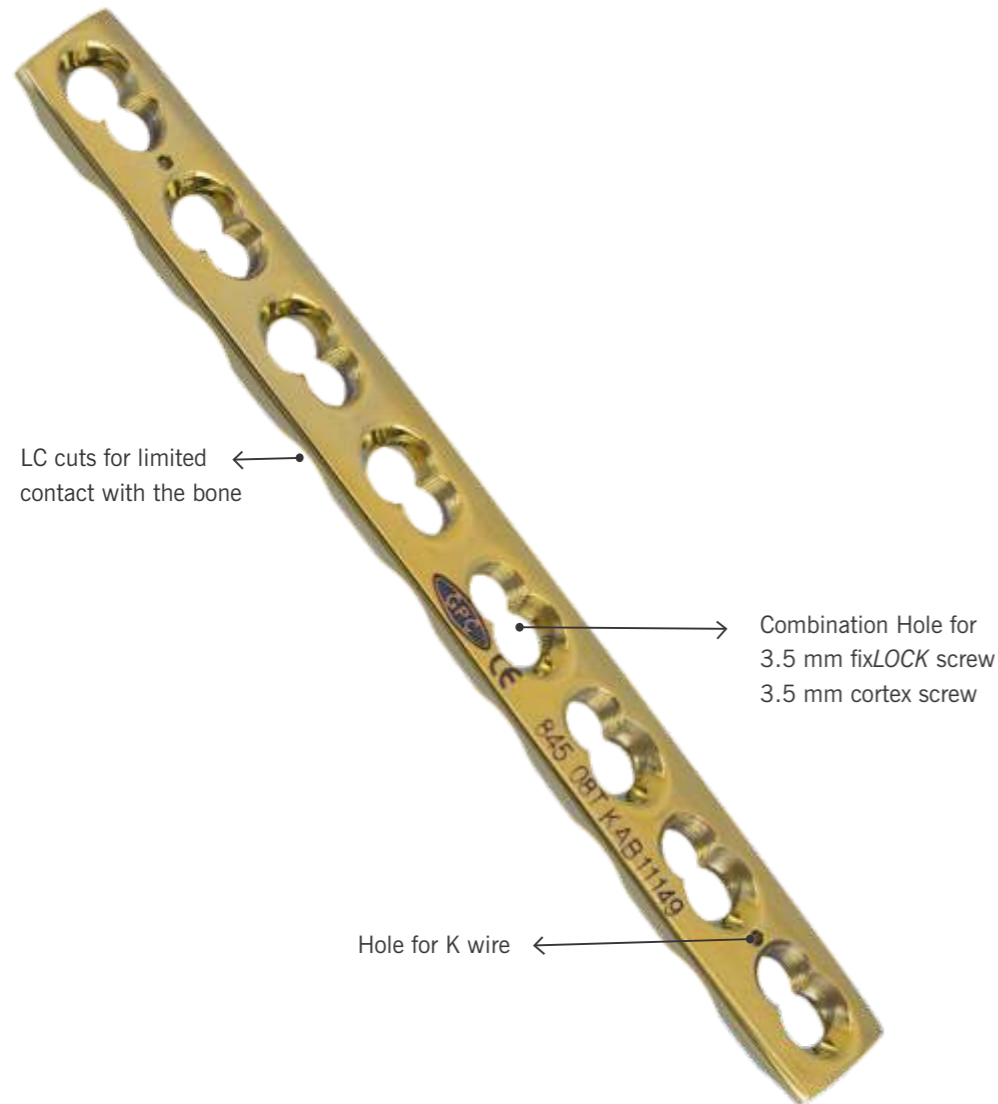
fixLOCK Plate, 3.5 mm

Item Code: 845

Indications

Temporary internal fixation and stabilization of radius, ulna, fibula, small sized humerus shaft fractures

- Periprosthetic fractures
- Comminuted fractures
- Fractures in osteopenic bone
- Non-unions
- Mal-unions



Features

- Used over the tensile surface of bones to work on tension band principle
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Dynamic compression unit offers 2 mm of axial compression
- Available in both Titanium & Stainless Steel

Sizes Available

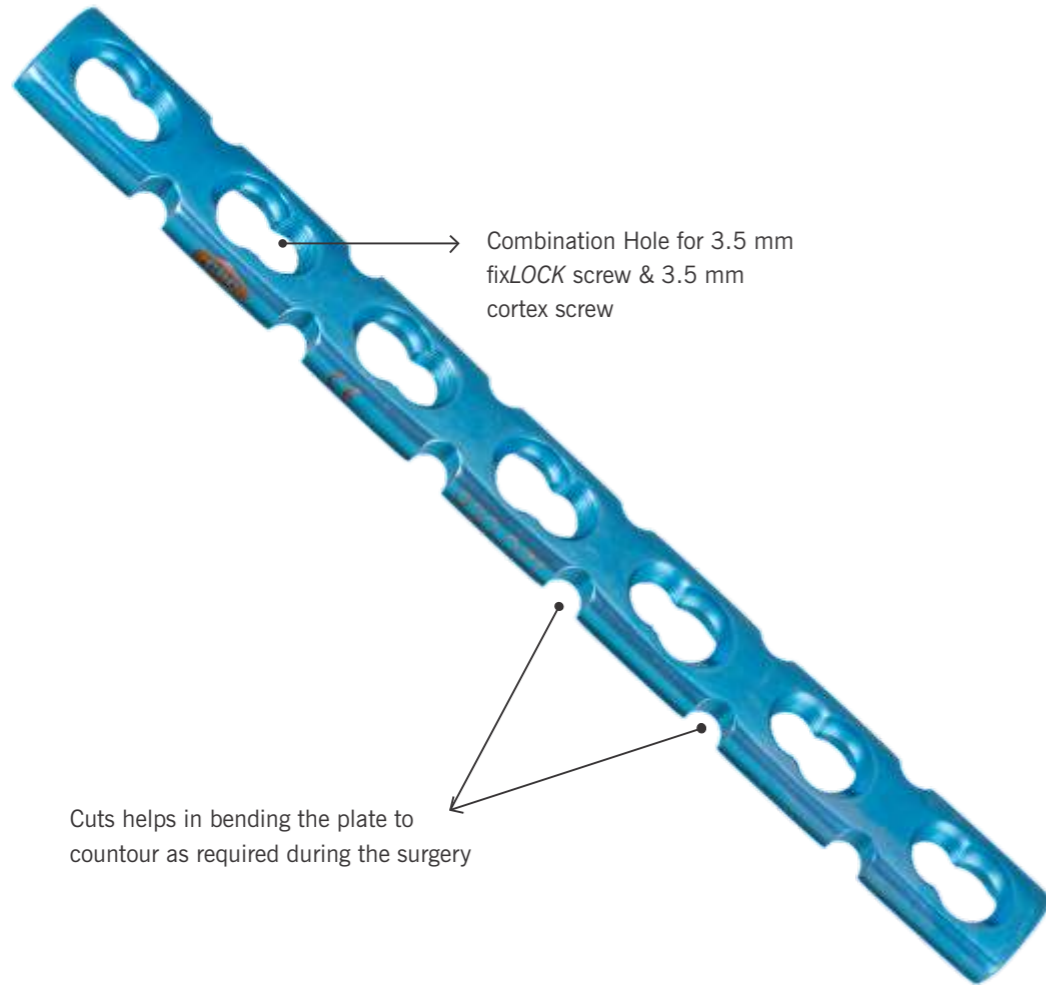
No. of Holes	Code	
	S.S.	Titanium
5	845.05	845.05T
6	845.06	845.06T
7	845.07	845.07T
8	845.08	845.08T
9	845.09	845.09T
10	845.10	845.10T
11	845.11	845.11T
14	845.14	845.14T

fixLOCK Reconstruction Plate, 3.5 mm

Item Code: 920

Indications

- Fracture clavicle, scapula, olecranon, humerus, radius, ulna, pelvis, distal tibia, fibula, particularly in osteopenic bones



Features

- Easily contoured and moulded according to the surgeons requirement
- Low profile construct for minimum implant prominence
- Uniform stiffness of all segments, prolonging fatigue life of the implant.
- Smaller area of post-fixation avascularity
- The combination of conventional and locking screws offers optimum fixation regardless of bone density
- Available in both Titanium & Stainless Steel

Sizes Available

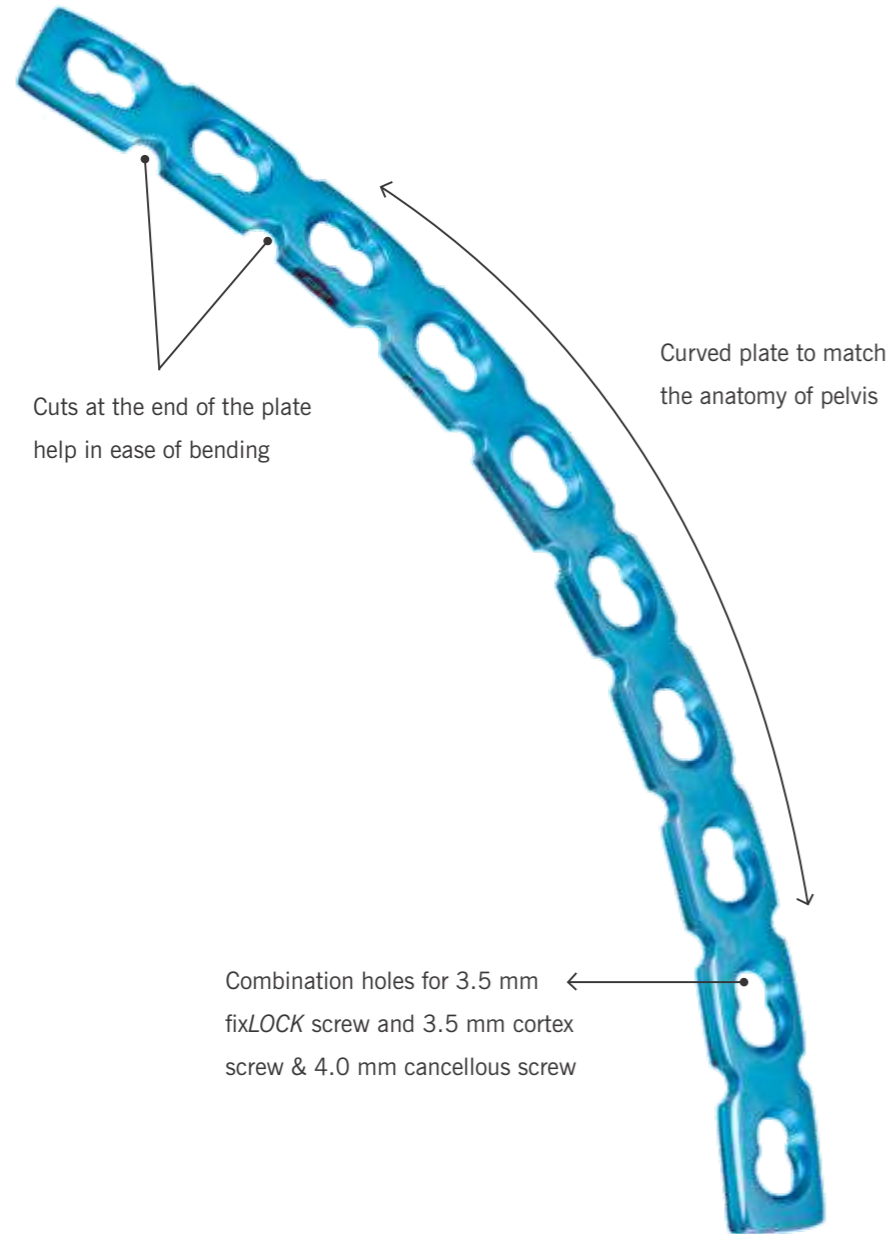
No. of Holes	Code	
	S.S.	Titanium
4	920.04	920.04T
5	920.05	920.05T
6	920.06	920.06T
7	920.07	920.07T
8	920.08	920.08T
9	920.09	920.09T
10	920.10	920.10T
11	920.11	920.11T
12	920.12	920.12T
13	920.13	920.13T
14	920.14	920.14T
15	920.15	920.15T
16	920.16	920.16T

fixLOCK Curved Reconstruction Plate, 3.5 mm

Item Code: 920C

Indications

- Reconstruction of pelvic fracture



Features

- Can easily be contoured as per surgeons' requirement
- Low profile construct for minimum implant prominence
- Uniform stiffness of all segments, prolonging fatigue life of the implant
- Smaller area of post-fixation avascularity
- Combination holes allows use of locking, and standard screws both cortex and cancellous
- Plate can be easily trimmed or bent through the side cuts as required to match the contours of the pelvis
- Available in both Titanium & Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	920C.04	920C.04T
5	920C.05	920C.05T
6	920C.06	920C.06T
7	920C.07	920C.07T
8	920C.08	920C.08T
9	920C.09	920C.09T
10	920C.10	920C.10T

fixLOCK Self-Tapping Screw, 2.4 mm

(Item Code: 770)



Thread dia.	2.4 mm
Head dia.	3.5 mm
Core dia.	1.7 mm
Lengths	6.0 – 40.0 mm
Drill bit used	2.0 mm

fixLOCK Self-Tapping Screw, 2.7 mm

(Item Code: 771)



Thread dia.	2.7 mm
Head dia.	3.5 mm
Core dia.	2.0 mm
Lengths	6.0 – 50.0 mm
Drill bit used	2.0 mm

fixLOCK Self-Tapping Screw, 3.5 mm

(Item Code: 765)



Thread dia.	3.5 mm
Head dia.	5.0 mm
Core dia.	2.8 mm
Lengths	10 – 80 mm
Drill bit used	2.8 mm

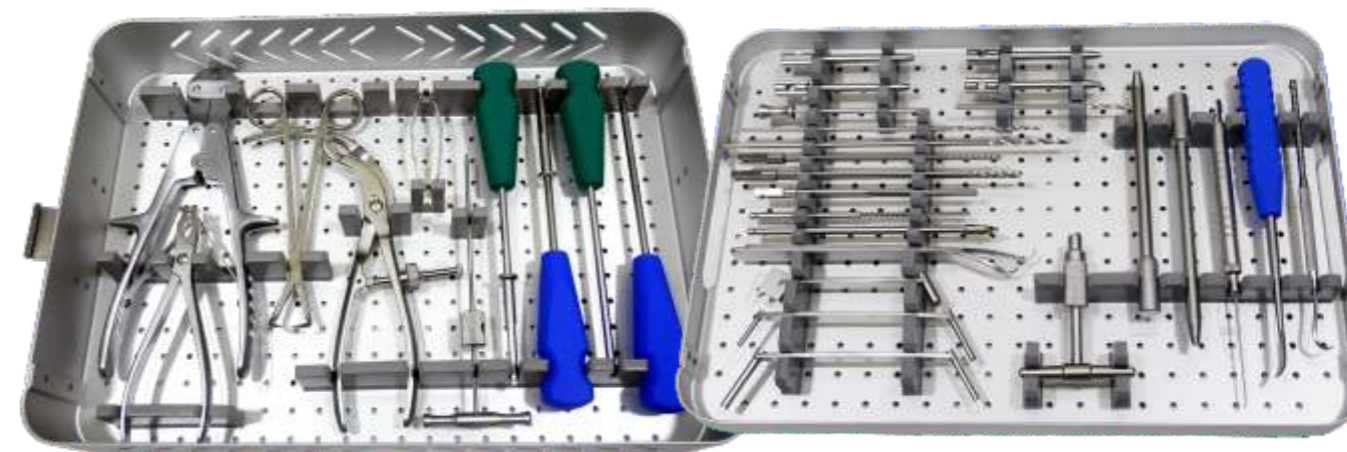
fixLOCK Cancellous Screw, 3.5 mm- Fully Threaded

(Item Code: 769)



Thread dia.	3.5 mm
Head dia.	6.0 mm
Core dia.	1.8 mm
Lengths	25 – 60 mm
Drill bit used	2.8 mm

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.



GOS1439S	fixLOCK Instrument Set - Small	
BTD1130.25.180	Drill Bit 2.5, Length 180 mm	1
BTD1130.27.100	Drill Bit 2.7, Length 100 mm	1
BTD1130.35.200	Drill Bit 3.5, Length 200 mm	1
C-ILBS736.20	Locking Drill Bit (Q.C) 2.0 mm	2
C-ILBS736.28	Locking Drill Bit (Q.C) 2.8 mm, Length 165 mm	2
IBS700.03	Counter Sink 3.5 mm	1
C-IBS762.35	Bone Tap (Q.C) 3.5 mm	1
C-IBS762.40	Bone Tap (Q.C) Cancellous 4 mm	1
IBS765	Quick Coupling Handle	1
IBS723.20	Triple Drill Guide 2 mm	1
IBS720.25	Insert Drill Sleeve 2.5 mm	1
ILBS716.35	Locking Drill Sleeve for Locking Screw 3.5 mm	2
ILBS716.27	Locking Drill Sleeve for Locking Screw 2.7 mm	2
SH.25	Small Screw Holder	1
ILBS786.35	Torque screwdriver for small screws (3.5 mm)	1
ILBS746.25	Hexagonal screw Driver Shaft for screws 2.7 mm to 4.0 mm	1
ILBS747.25	Hexagonal screw Driver for screws 2.7 mm to 4.0 mm	1
IBS709	Depth Gauge 3.5 mm	1
REH1053	Sharp Hook	1
IBS753	Screw Holding Forceps	1
ILBS737	Universal Drill Guide 2.7 mm, for drill bit 2.0 mm & 2.7 mm	1
ILBS737	Universal Drill Guide 3.5 mm, for drill bit 2.5 mm & 3.5 mm	
REH1064.08.160	Hohman Retractor 8 mm	1
REH1064.15.160	Hohman Retractor Broad Shank, width 15 mm, Length 160 mm	1
REH1068.06S	Periosteal Elevator with Fibre Handle 6 mm	1
BHF1247.14	Reduction Forceps Serrated 140mm (R.Lock)	2
BHF1246.19	Self Centering Bone Holding Forceps, Speed Lock Length 190 mm	1
ILBS738	Push Pull Reduction Device	1
IBP630.01	Plate Bender small	1
ILBS739-S	Threaded Plate Holder Small	1
IPW952	Wire Bending Plier	1
AGC1439S	Graphic Container Aluminium	1



fixLOCK Mini Fragment System

(Item Code: MFS900)

GPC fixLOCK Mini Fragment System is a comprehensive system which includes mini fragment implants & instruments for the mini fragment bones, particularly for the hand & the foot. The system includes-

- fixLOCK Mini Fragment System, 1.5 mm
- fixLOCK Mini Fragment System, 2.0 mm
- fixLOCK Mini Fragment System, 2.4 mm
- fixLOCK Mini Fragment System, 2.7 mm
- fixLOCK Mini Fragment General Instrument Set

Features

- Simplified handling & reduced instrumentation
- Universal systems with quick coupling attachments
- The fixLOCK feature creates a fixed angle construct which help stabilize the fracture, particularly in osteopenic bones
- Low profile plates, designed to minimize soft tissue irritation
- Pre-curved plates, designed to adapt itself over the bones of the hand & foot
- Cut-to-length feature to minimize inventory
- Coaxial hole in 1.5 mm system gives the surgeon, choice of locking screw or cortex screw in the same hole
- Combination hole, for conventional & locking screw offers optimum fixation regardless of bone density
- Self-tapping flutes on the screws for ease of insertion
- Low profile screw head, which fits into the holes of plates
- Self-retaining star drive recess in the screw head to avoid stripping of screw
- Color coded instrumentation for easy identification:
  - ◆ Blue for 1.5 mm
  - ◆ Orange for 2.0 mm
  - ◆ Green for 2.4 mm
  - ◆ Yellow for 2.7 mm
- Specialized instrumentation for each system in separate cases along with its implants

fixLOCK Mini Fragment System, 1.5 mm

(Item Code: MFS900.15)



Indications

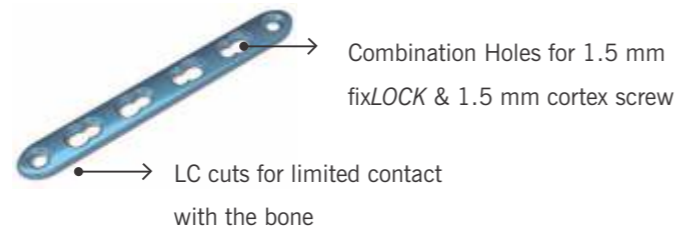
Fractures & osteotomies of phalanges & metacarpals  
 Arthrodesis, replantations & reconstructions of small bones & small bone fragments, particularly in osteopenic bones

Implants	Quantity
fixLOCK Plate, 1.5 mm	2
fixLOCK Adaption Plate, 1.5 mm	2
fixLOCK Condylar Plate, 1.5 mm	2
fixLOCK T-Plate with 3 Head Holes, 1.5 mm	2
fixLOCK T-Plate with 4 Head Holes, 1.5 mm	2
fixLOCK Extended H-Plate, 1.5 mm	2
fixLOCK Y-Plate, 1.5 mm	2
fixLOCK Self-Tapping Screws, 1.5 mm Stardrive	
6-20 mm	6 each
Self Tapping Cortex Screws, 1.5 mm Stardrive	
6-20 mm	3 each
Instruments	Quantity
Screw Driver Shaft, Stardrive T4	1
Drill Bit, 1.2 mm	3
Countersink, 1.3 mm	1
Threaded Drill Guide, 1.1 mm	2
Universal Drill Guide, 1.1/1.5 mm	1
Bone Tap, 1.5 mm	1

IMPLANTS

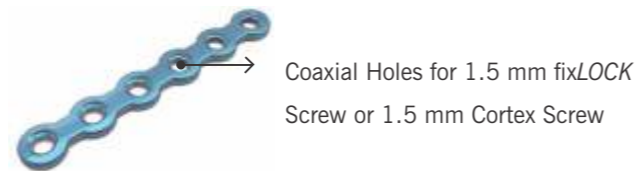
fixLOCK Plate, 1.5 mm

Code	No. of Holes
5001.02	2
5001.04	4



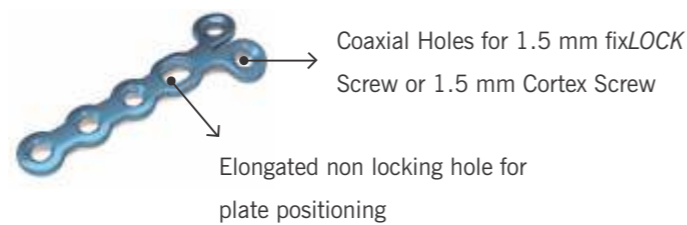
fixLOCK Adaption Plate, 1.5 mm

Code	No. of Holes
5002.06	6
5002.12	12



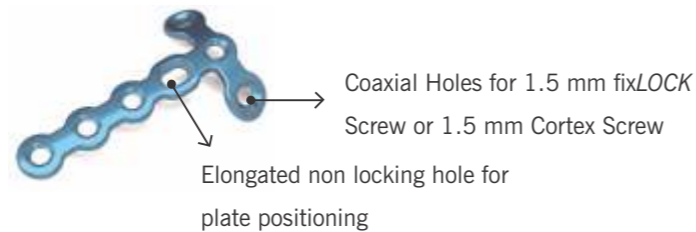
fixLOCK Condylar Plate, 1.5 mm

Code	No. of Holes
5003.04	2 + 4
5003.08	2 + 8



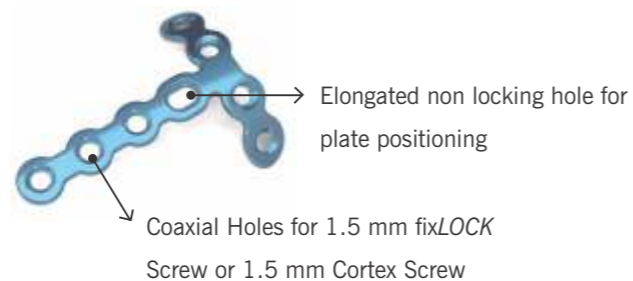
fixLOCK T-Plate with 3 Head Holes, 1.5 mm

Code	No. of Holes
5004.04	4
5004.08	8



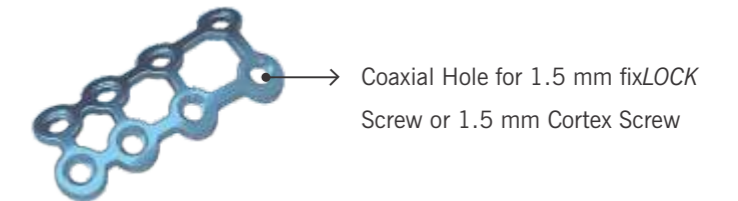
fixLOCK T-Plate with 4 Head Holes, 1.5 mm

Code	No. of Holes
5005.04	4
5005.08	8



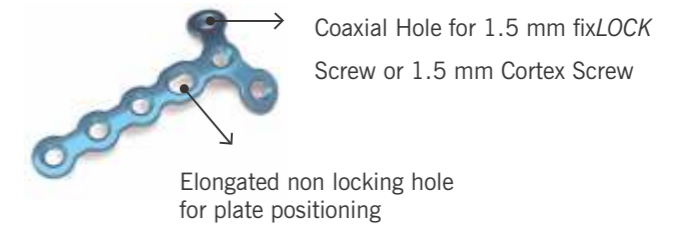
fixLOCK Extended H-Plate, 1.5 mm

Code	No. of Holes
5006.08L	8, Left
5006.08R	8, Right



fixLOCK Y-Plate, 1.5 mm

Code	No. of Holes
5007.04	3 + 4
5007.08	3 + 8



fixLOCK Self-Tapping Screw, 1.5 mm Stardrive (Item Code: 2681)



Code	Length (mm)
2681.06	6
2681.08	8
2681.10	10
2681.12	12
2681.14	14
2681.16	16
2681.18	18
2681.20	20

Self-Tapping Cortex Screw, 1.5 mm Stardrive (Item Code: 2701)



Code	Length (mm)
2701.06	6
2701.08	8
2701.10	10
2701.12	12
2701.14	14
2701.16	16
2701.18	18
2701.20	20

**fixLOCK Mini Fragment System, 2.0 mm**  
(Item Code: MFS900.20)



**Indications**

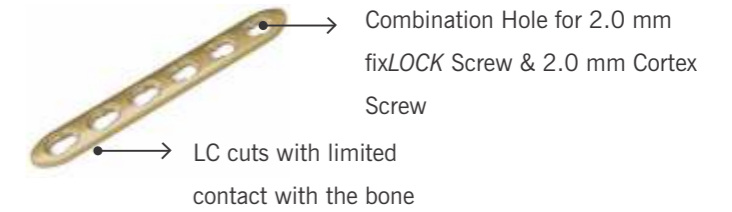
Fractures & osteotomies of phalanges & metacarpals  
Replantations & reconstructions of small bones & small bone fragments, particularly in osteopenic bones

Implants	Quantity
fixLOCK Plate, 2.0 mm	5
fixLOCK Adaption Plate, 2.0 mm	2
fixLOCK Condylar Plate, 2.0 mm	3
fixLOCK T-Plate with 2 Head Holes, 2.0 mm	3
fixLOCK T-Plate with 3 Head Holes, 2.0 mm	3
fixLOCK Y-Plate, 2.0 mm	3
fixLOCK Self-Tapping Screws, 2.0 mm Stardrive	
6-30 mm	6 each
Self Tapping Cortex Screws, 2.0 mm Stardrive	
6-30 mm	3 each
Instruments	Quantity
Screw Driver Shaft, Stardrive T6	1
Drill Bit, 1.5 mm	3
Countersink, 2.0 mm	1
Threaded Drill Guide, 1.5 mm	2
Universal Drill Guide, 1.5/2.0 mm	1
Bone Tap, 2.0 mm	1

**IMPLANTS**

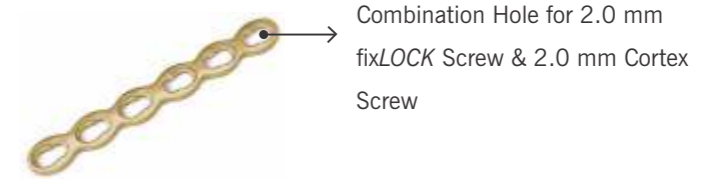
**fixLOCK Plate, 2.0 mm**

Code	No. of Holes
5008.04	4
5008.05	5
5008.06	6
5008.07	7
5008.08	8



**fixLOCK Adaption Plate, 2.0 mm**

Code	No. of Holes
5009.06	6
5009.12	12



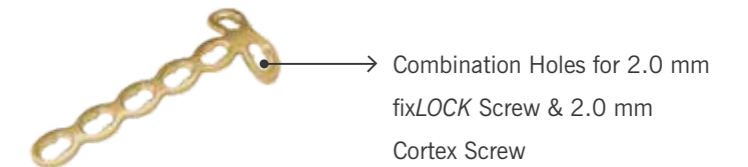
**fixLOCK Condylar Plate, 2.0 mm**

Item Code	No. of Holes
5010.03	2 + 3
5010.05	2 + 5
5010.07	2 + 7



**fixLOCK T-Plate with 2 Head Holes, 2.0 mm**

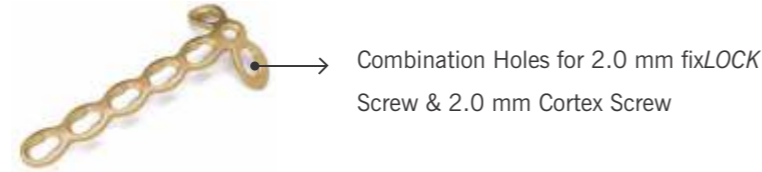
Code	No. of Holes
5011.03	3
5011.05	5
5011.07	7





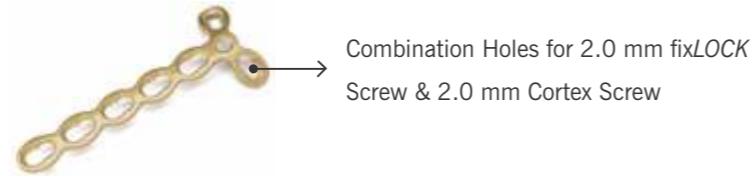
fixLOCK T-Plate with 3 Head Holes, 2.0 mm

Code	No. of Holes
5012.03	3 + 3
5012.05	3 + 5
5012.07	3 + 7



fixLOCK Y-Plate, 2.0 mm

Code	No. of Holes
5013.03	3 + 3
5013.05	3 + 5
5013.07	3 + 7



fixLOCK Self-Tapping Screw, 2.0 mm Stardrive  
(Item Code 2682)



Code	Length (mm)
2682.06	6
2682.08	8
2682.10	10
2682.12	12
2682.14	14
2682.16	16
2682.18	18
2682.20	20
2682.22	22
2682.24	24
2682.26	26
2682.28	28
2682.30	30

Self Tapping Cortex Screw, 2.0 mm Stardrive  
(Item Code: 2702)



Code	Length (mm)
2702.06	6
2702.08	8
2702.10	10
2702.12	12
2702.14	14
2702.16	16
2702.18	18
2702.20	20
2702.22	22
2702.24	24
2702.26	26
2702.28	28
2702.30	30

fixLOCK Mini Fragment System, 2.4 mm  
(Item Code: MFS900.24)



Indications

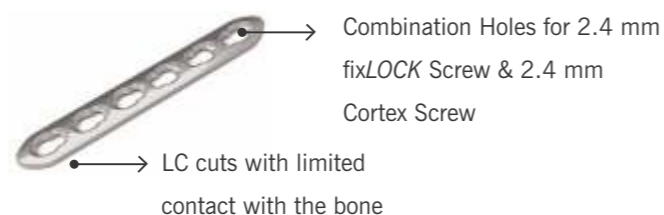
Fractures & osteotomies of metacarpals, wrist bones, distal radius, foot & ankle bones  
Replantations & reconstructions of small bones & small bone fragments, particularly in osteopenic bones

Implants	Quantity
fixLOCK Plate, 2.4 mm	6
fixLOCK Adaption Plate, 2.4 mm	2
fixLOCK Condylar Plate, 2.4 mm	3
fixLOCK T-Plate with 2 Head Holes, 2.4 mm	3
fixLOCK T-Plate with 3 Head Holes, 2.4 mm	3
fixLOCK Y-Plate, 2.4 mm	3
fixLOCK Self-Tapping Screws, 2.4 mm Stardrive	
6-30 mm	6 each
Self Tapping Cortex Screws, 2.4 mm Stardrive	
6-30 mm	3 each
Instruments	Quantity
Screw Driver Shaft, Stardrive T8	1
Drill Bit, 1.8 mm	3
Countersink, 2.4 mm	1
Threaded Drill Guide, 1.8 mm	2
Universal Drill Guide, 1.8/2.4 mm	1
Bone Tap, 2.4 mm	1

IMPLANTS

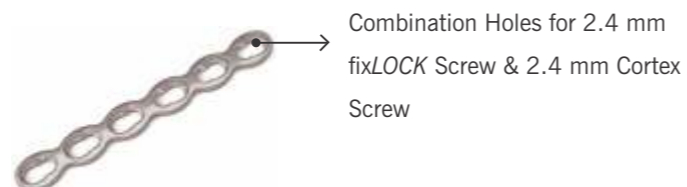
fixLOCK Plate, 2.4 mm

Code	No. of Holes
5014.04	4
5014.05	5
5014.06	6
5014.07	7
5014.08	8
5014.10	10



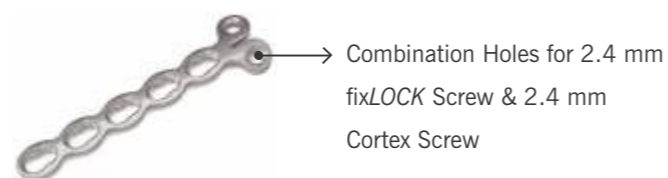
fixLOCK Adaption Plate, 2.4 mm

Code	No. of Holes
5015.06	6
5015.12	12



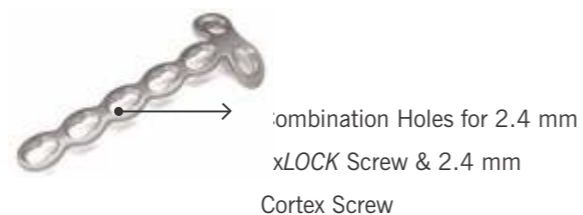
fixLOCK Condylar Plate, 2.4 mm

Code	No. of Holes
5016.03	2 + 3
5016.05	2 + 5
5016.07	2 + 7



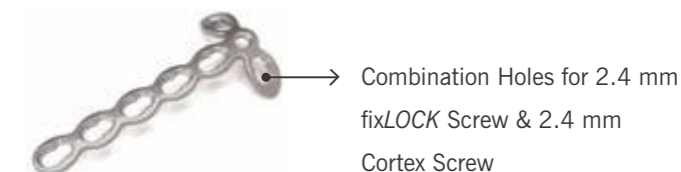
fixLOCK T-Plate with 2 Head Holes, 2.4 mm

Code	No. of Holes
5017.03	2 + 3
5017.05	2 + 5
5017.07	2 + 7



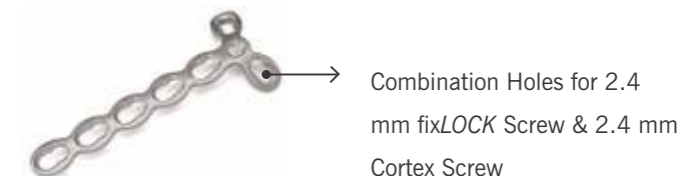
fixLOCK T-Plate with 3 Head Holes, 2.4 mm

Code	No. of Holes
5018.03	3 + 3
5018.05	3 + 5
5018.07	3 + 7



fixLOCK Y-Plate, 2.4 mm

Code	No. of Holes
5019.03	3 + 3
5019.05	3 + 5
5019.07	3 + 7



fixLOCK Self Tapping Screw, 2.4 mm Stardrive (Item Code: 2683)



Code	Length (mm)
2683.06	6
2683.08	8
2683.10	10
2683.12	12
2683.14	14
2683.16	16
2683.18	18
2683.20	20
2683.22	22
2683.24	24
2683.26	26
2683.28	28
2683.30	30

Self Tapping Cortex Screw, 2.4 mm Stardrive (Item Code: 2703)



Code	Length (mm)
2703.06	6
2703.08	8
2703.10	10
2703.12	12
2703.14	14
2703.16	16
2703.18	18
2703.20	20
2703.22	22
2703.24	24
2703.26	26
2703.28	28
2703.30	30



**fixLOCK Mini Fragment System, 2.7 mm**  
(Item Code: MFS900.27)



**Indications**

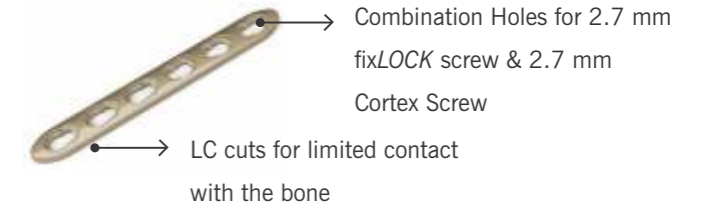
Fractures & osteotomies of wrist bones, distal radius, metatarsals & ankle bones  
Replantations & reconstructions of small bones & small bone fragments, particularly in osteopenic bones

Implants	Quantity
fixLOCK Plate, 2.7 mm	6
fixLOCK Adaption Plate, 2.7 mm	2
fixLOCK Condylar Plate, 2.7 mm	3
fixLOCK T-Plate with 2 Head Holes, 2.7 mm	3
fixLOCK L-Plate, 2.7 mm	4
fixLOCK L-Plate, Oblique, 2.7 mm	4
fixLOCK Self-Tapping Screws, 2.4 mm Stardrive	
6-30 mm	6 each
Self Tapping Cortex Screws, 2.4 mm Stardrive	
6-30 mm	3 each
Instruments	Quantity
Screw Driver Shaft, Stardrive T8	1
Drill Bit, 2.0 mm	3
Countersink, 2.7 mm	1
Threaded Drill Guide, 2.4 mm	2
Universal Drill Guide, 2.4/2.7 mm	1
Bone Tap, 2.7 mm	1

**IMPLANTS**

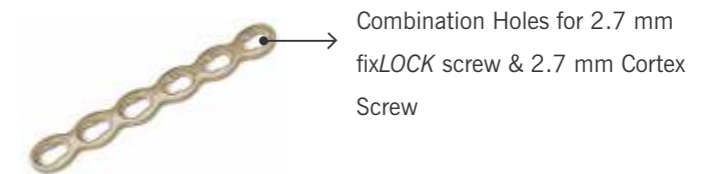
**fixLOCK Plate, 2.7 mm**

Code	No. of Holes
5020.04	4
5020.05	5
5020.06	6
5020.07	7
5020.08	8
5020.10	10



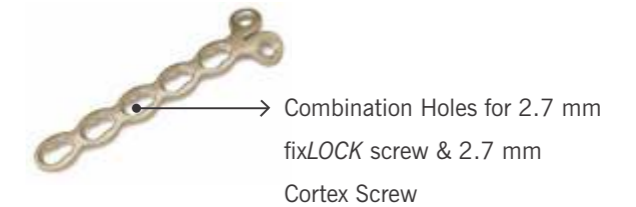
**fixLOCK Adaption Plate, 2.7 mm**

Code	No. of Holes
5021.06	6
5021.12	12



**fixLOCK Condylar Plate, 2.7 mm**

Code	No. of Holes
5022.03	2 + 3
5022.05	2 + 5
5022.07	2 + 7



**fixLOCK T-Plate with 2 Head Holes, 2.7 mm**

Code	No. of Holes
5023.03	2 + 3
5023.05	2 + 5
5023.07	2 + 7



fixLOCK L-Plate, 2.7 mm

Code	No. of Holes
5024.03L	2 + 3
5024.04L	2 + 4
5024.03R	2 + 3
5024.04R	2 + 4



fixLOCK L-Plate, Oblique, 2.7 mm

Code	No. of Holes
5025.03L	2 + 3
5025.04L	2 + 4
5025.03R	2 + 3
5025.04R	2 + 4



fixLOCK Self Tapping Screws, 2.7 mm Stardrive  
(Item Code: 2684)



Code	Length (mm)
2684.06	6
2684.08	8
2684.10	10
2684.12	12
2684.14	14
2684.16	16
2684.18	18
2684.20	20
2684.22	22
2684.24	24
2684.26	26
2684.28	28
2684.30	30

Self Tapping Cortex Screw, 2.7 mm Stardrive  
(Item Code: 2704)



Code	Length (mm)
2704.06	6
2704.08	8
2704.10	10
2704.12	12
2704.14	14
2704.16	16
2704.18	18
2704.20	20
2704.22	22
2704.24	24
2704.26	26
2704.28	28
2704.30	30

fixLOCK Mini Fragment - General Instrument Set  
(Item Code: MFS9000)



Code	fixLOCK Mini Fragment - General Instrument Set	
9001	Torque Limiting Screw Driver Handle - 0.8 Nm	1
9002	Torque Limiting Screw Driver Handle - 0.4 Nm	1
9003	Screw Driver for 1.5 mm	1
9004	Screw Driver for 2.0 mm	1
9005	Screw Driver for 2.4, 2.7 mm	1
9006	Handle with Mini Quick Coupling	1
9007	Depth Gauge- 1.5/2.0 mm	1
9008	Depth Gauge- 2.4/2.7 mm	1
9009	Hohmann Retractor, 6.5 mm	1
9010	Hohmann Retractor, 8.5 mm	1
9011	Periosteal Elevator, 3 mm Curved Blade, Straight Edge	1
9012	Periosteal Elevator, 3 mm Curved Blade, Round Edge	1
9013	Sharp Hook	1
9014	Screw & Plate Holding Forceps	1
9015	Reduction Forceps, Narrow	1
9016	Reduction Forceps, Broad	1
9017	Bending Pliers	2

# Non-locking Plating System

Strength ■ Stability ■ Support

ISO 13485 • CE • US FDA 510 (k)



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### CANNULATED SCREW SYSTEM

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Angled Blade Plate 4.5 mm, 130°

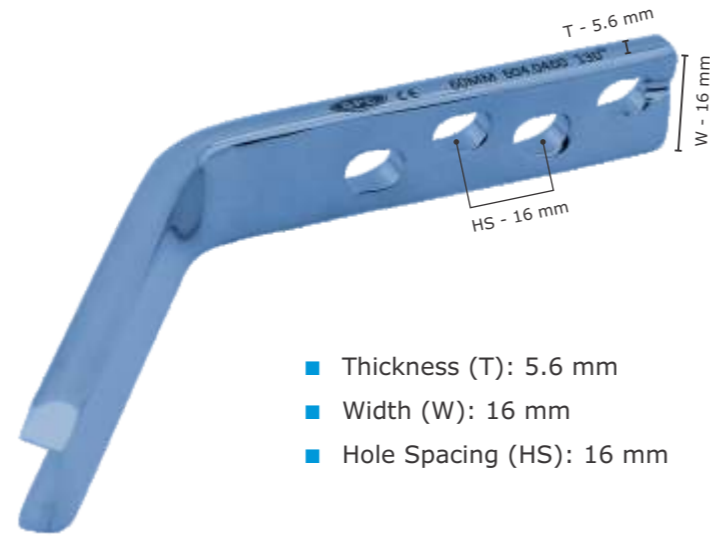
Item Code: 604

Indications

- Temporary fixation, correction or stabilization of bones in proximal femur
- Fracture of neck femur
- Pertrochanteric fracture

Features

- U profile blade
- The plate acts as a tension band
- 130° angle between shaft and the blade
- Due to the fixed-angle shape, careful planning and precise preparation of the channel for the blade provides successful application
- Shaft fixation with 4.5 mm cortex screws allows secure fixation
- Available in both Titanium and Stainless Steel



- Thickness (T): 5.6 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm

Sizes Available

Length (mm)	Code - Stainless Steel						
	5 Holes	7 Holes	9 Holes	12 Holes	14 Holes	16 Holes	18 Holes
50	604.05.50	604.07.50	604.09.50	604.12.50	604.14.50	604.16.50	604.18.50
60	604.05.60	604.07.60	604.09.60	604.12.60	604.14.60	604.16.60	604.18.60
70	604.05.70	604.07.70	604.09.70	604.12.70	604.14.70	604.16.70	604.18.70
80	604.05.80	604.07.80	604.09.80	604.12.80	604.14.80	604.16.80	604.18.80

For Titanium, please affix "T" after above code number

Condylar Blade Plate 4.5 mm, 95°

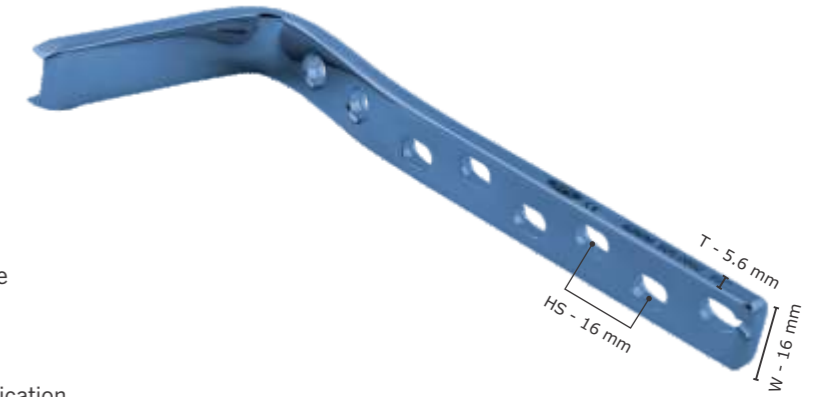
Item Code: 605

Indications

- Fractures and revisions of proximal third femur fracture
- Distal one third femur fractures
- Intertrochanteric valgus osteotomy of femur

Features

- U profile blade
- 95° angle between blade and shaft of the plate
- Due to the fixed-angle shape, careful planning, and precise preparation of the channel for the blade provides successful application.
- Two round holes near the blade accept 6.5 mm cancellous screws
- Shaft compression holes are fixed with cortex screws Dia. 4.5 mm
- Available in both Titanium and Stainless Steel



- Thickness (T): 5.6 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm

Sizes Available

Length (mm)	Code - Stainless Steel						
	5 Holes	7 Holes	9 Holes	12 Holes	14 Holes	16 Holes	18 Holes
50	605.05.50	605.07.50	605.09.50	605.12.50	605.14.50	605.16.50	605.18.50
60	605.05.60	605.07.60	605.09.60	605.12.60	605.14.60	605.16.60	605.18.60
70	605.05.70	605.07.70	605.09.70	605.12.70	605.14.70	605.16.70	605.18.70
80	605.05.80	605.07.80	605.09.80	605.12.80	605.14.80	605.16.80	605.18.80

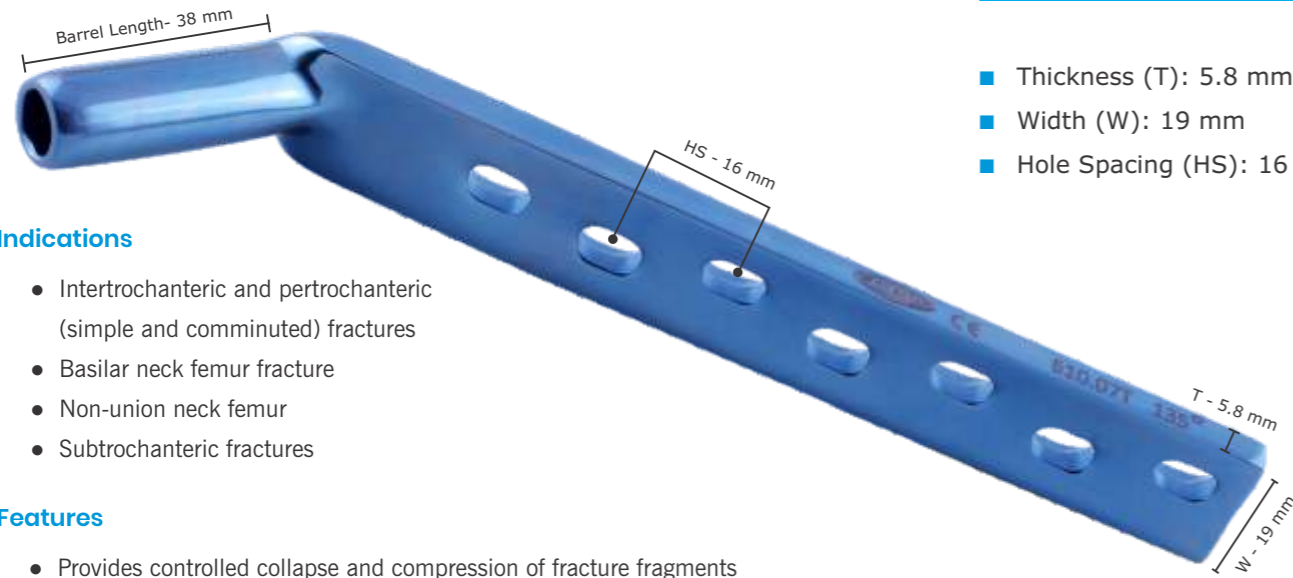
For Titanium, please affix "T" after above code number



DHS Barrel Plate, 4.5 mm

Item Code: 610

- Thickness (T): 5.8 mm
- Width (W): 19 mm
- Hole Spacing (HS): 16 mm



Indications

- Intertrochanteric and pertrochanteric (simple and comminuted) fractures
- Basilar neck femur fracture
- Non-union neck femur
- Subtrochanteric fractures

Features

- Provides controlled collapse and compression of fracture fragments
- Dynamic action reduces incidence of screw cut out and penetration of screw into hip joint
- Low profile design reduces the risk of trochanteric bursitis
- Stable fixation and prevents undue stress concentration on the implant
- Used with DHS lag screw Dia. 12.5 mm and compression screw of length 36 mm
- Dynamic compression holes allow compression of fracture fragment
- Shaft compression holes fixed with cortex screw Dia. 4.5 mm
- Available in various neck shaft angles from 125°-150° (with difference of 5°). However, most commonly used is 135°
- Available in both Titanium and Stainless Steel

Sizes Available

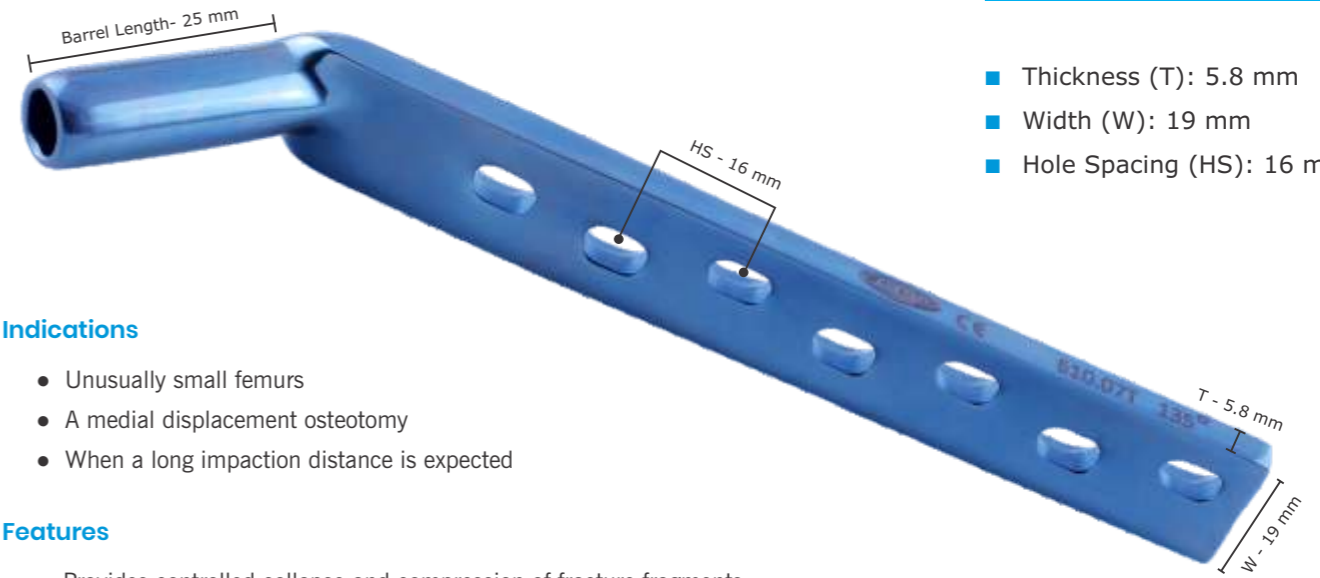
No. of Holes	Code					
	Stainless Steel					
	125°	130°	135°	140°	145°	150°
2	610.125.02	610.130.02	610.135.02	610.140.02	610.145.02	610.150.02
3	610.125.03	610.130.03	610.135.03	610.140.03	610.145.03	610.150.03
4	610.125.04	610.130.04	610.135.04	610.140.04	610.145.04	610.150.04
5	610.125.05	610.130.05	610.135.05	610.140.05	610.145.05	610.150.05
6	610.125.06	610.130.06	610.135.06	610.140.06	610.145.06	610.150.06
7	610.125.07	610.130.07	610.135.07	610.140.07	610.145.07	610.150.07
8	610.125.08	610.130.08	610.135.08	610.140.08	610.145.08	610.150.08
9	610.125.09	610.130.09	610.135.09	610.140.09	610.145.09	610.150.09
10	610.125.10	610.130.10	610.135.10	610.140.10	610.145.10	610.150.10
12	610.125.12	610.130.12	610.135.12	610.140.12	610.145.12	610.150.12
14	610.125.14	610.130.14	610.135.14	610.140.14	610.145.14	610.150.14
16	610.125.16	610.130.16	610.135.16	610.140.16	610.145.16	610.150.16
18	610.125.18	610.130.18	610.135.18	610.140.18	610.145.18	610.150.18
20	610.125.20	610.130.20	610.135.20	610.140.20	610.145.20	610.150.20

For Titanium, please affix "T" after above code number

DHS Short Barrel Plate 4.5 mm, 135°

Item Code: 610SB

- Thickness (T): 5.8 mm
- Width (W): 19 mm
- Hole Spacing (HS): 16 mm



Indications

- Unusually small femurs
- A medial displacement osteotomy
- When a long impaction distance is expected

Features

- Provides controlled collapse and compression of fracture fragments
- Dynamic action reduces incidence of screw cut out and penetration of screw into hip joint
- Stable fixation and prevents undue stress concentration on the implant
- Used with DHS lag screw Dia. 12.5 mm and compression screw of length 36 mm
- Dynamic compression holes allow compression of fracture fragment
- Shaft compression holes fixed with cortex screw Dia. 4.5 mm
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code					
	Stainless Steel					
	125°	130°	135°	140°	145°	150°
2	610SB.125.02	610SB.130.02	610SB.135.02	610SB.140.02	610SB.145.02	610SB.150.02
3	610SB.125.03	610SB.130.03	610SB.135.03	610SB.140.03	610SB.145.03	610SB.150.03
4	610SB.125.04	610SB.130.04	610SB.135.04	610SB.140.04	610SB.145.04	610SB.150.04
5	610SB.125.05	610SB.130.05	610SB.135.05	610SB.140.05	610SB.145.05	610SB.150.05
6	610SB.125.06	610SB.130.06	610SB.135.06	610SB.140.06	610SB.145.06	610SB.150.06

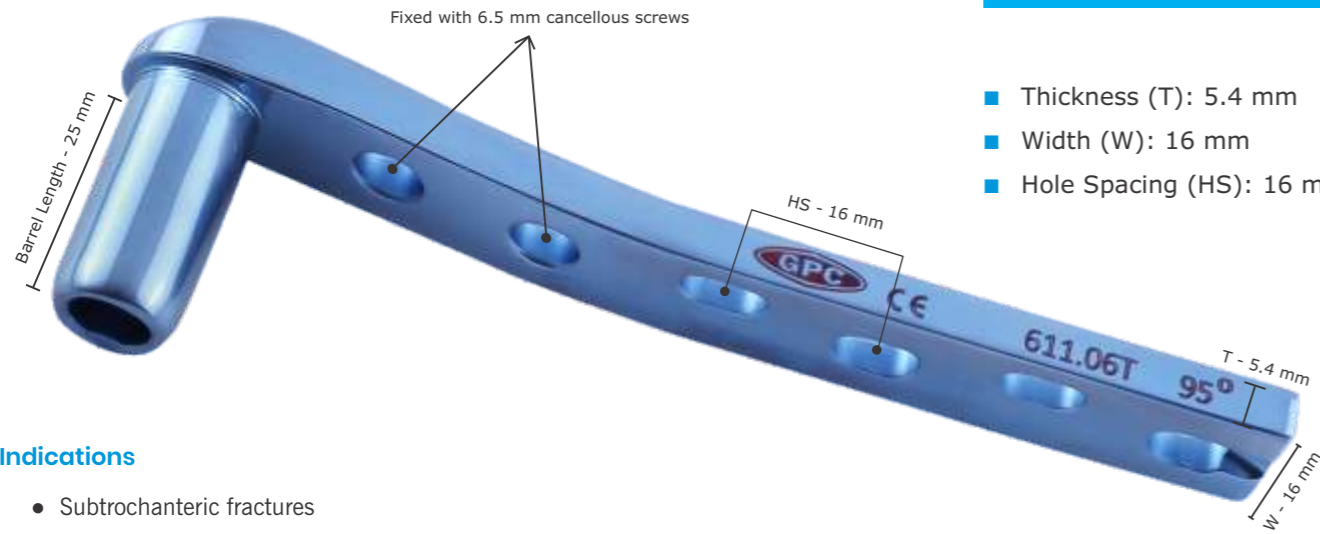
For Titanium, please affix "T" after above code number



DCS Barrel Plate, 4.5 mm

Item Code: 611

- Thickness (T): 5.4 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm



Indications

- Subtrochanteric fractures
- For supracondylar and intercondylar fractures of distal femur
- Stable fractures in proximal femur

Features

- Permits stable fixation in the proximal fragment
- 95° barrel angle allowing it to enter the femur more proximally allowing insertion of independent screws into the calcar
- Two round holes next to the barrel accept 6.5 mm cancellous screws which enhance stability in distal condylar and subtrochanteric fractures
- Minimal soft tissue irritation due to low profile design which reduces risk of intertrochanteric band irritation in distal femur and trochanteric bursitis in subtrochanteric fractures
- Dynamic compression holes allow compression of fracture fragments
- Barrel length 25 mm, used with DHS lag screw Dia. 12.5 mm and compression screw of length 36 mm
- Angle between neck and shaft is 95°
- Shaft compression holes fixed with cortex screw Dia. 4.5 mm
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
6	611.06	611.06T
7	611.07	611.07T
8	611.08	611.08T
9	611.09	611.09T
10	611.10	611.10T
12	611.12	611.12T
14	611.14	611.14T
16	611.16	611.16T

DHS Barrel Plate Variable Angle, 4.5 mm

Item Code: 612

- Thickness (T): 5.8 mm
- Width (W): 19 mm
- Hole Spacing (HS): 16 mm



Indications

- Pertrochanteric femoral fractures
- Intertrochanteric reversed fractures
- Subtrochanteric fractures
- Basilar neck femur fracture
- Non-union neck femur
- Subtrochanteric fractures

Features

- The required valgisation angle can be adjusted to the individual patient's needs by means of worm gear
- Designed to stabilize proximal femur fractures
- Dynamic adjustable angle
- Can be inserted with maximum precision
- Optimal adaptation of the plate to the bone
- One-barrel plate replaces up to 6 fixed angle plates which cuts stock keeping costs significantly
- Universal application
- Used with DHS lag screw Dia. 12.5 mm and compression screw of length 36 mm
- Shaft compression holes fixed with cortex screws Dia. 4.5 mm

Sizes Available

No. of Holes	Code
	S.S.
4	612.04
5	612.05
6	612.06
7	612.07
8	612.08
9	612.09
10	612.10
12	612.12
14	612.14
16	612.16
18	612.18
20	612.20
22	612.22

Trochanter Stabilizing Plate for DHS, 4.5 mm

Item Code: 817



Indications

- Used along with DHS for stable & unstable intertrochanteric, subtrochanteric, pertrochanteric and basilar neck fractures

Features

- Helps to extend the DHS construct to help stabilize greater trochanter
- Helps prevent lateral displacement of greater trochanter fragments during impaction of fracture
- Prevents medialization of the shaft relative to the neck fragment

Jewett Nail Plate, 4.5 mm

Item Code: 623



- Thickness (T): 5.5 mm
- Width (W): 19 mm
- Hole Spacing (HS): 16 mm

Indications

- Pertrochanteric fractures
- Basilar neck fractures
- Intertrochanteric fractures

Features

- A tri-flanged nail fixed to a plate at varying angle from 130° to 150°. However, plates with angles 130° and 135° are most commonly used
- Adequate stabilization can be achieved
- Shaft compression holes fixed with cortex screw Dia. 4.5 mm
- Available in various blade length from 50 mm - 100 mm (with 5 mm diff.)

Sizes Available

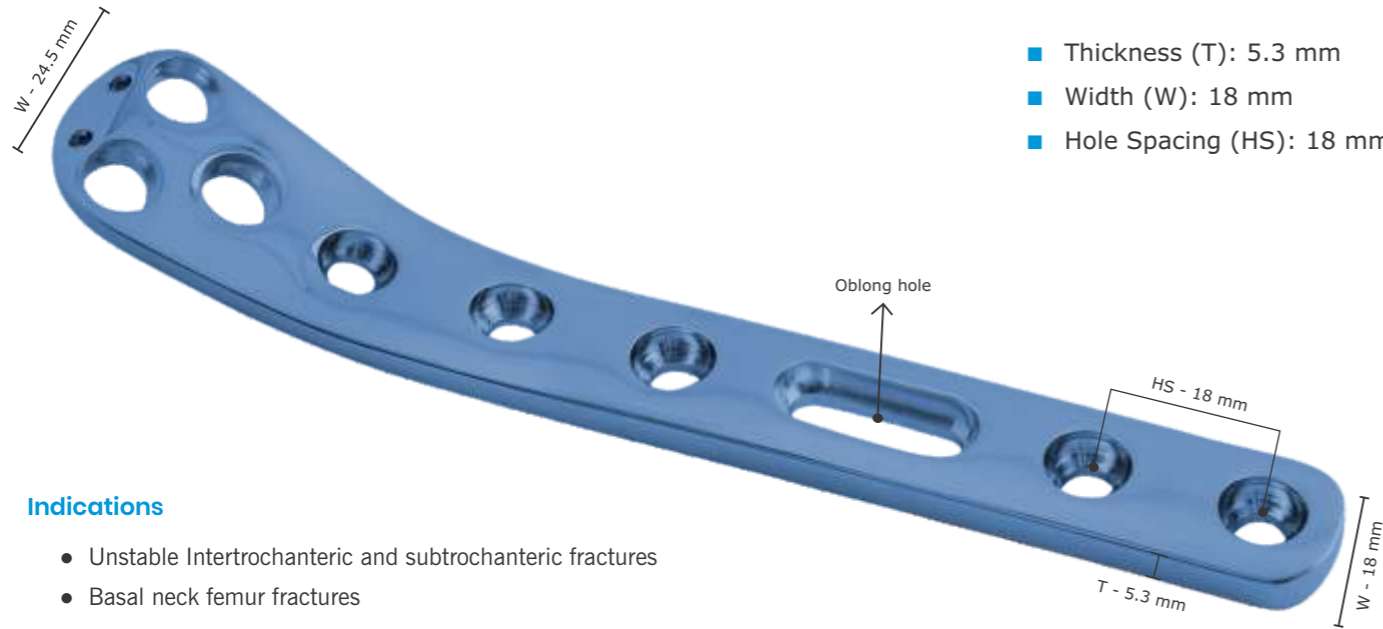
Blade Length	Code for Jewett Nail Plate 4.5 mm, 130°						
	4 Holes	5 Holes	6 Holes	7 Holes	8 Holes	10 Holes	12 Holes
50	623.130.04.50	623.130.05.50	623.130.06.50	623.130.07.50	623.130.08.50	623.130.10.50	623.130.12.50
55	623.130.04.55	623.130.05.55	623.130.06.55	623.130.07.55	623.130.08.55	623.130.10.55	623.130.12.55
60	623.130.04.60	623.130.05.60	623.130.06.60	623.130.07.60	623.130.08.60	623.130.10.60	623.130.12.60
65	623.130.04.65	623.130.05.65	623.130.06.65	623.130.07.65	623.130.08.65	623.130.10.65	623.130.12.65
70	623.130.04.70	623.130.05.70	623.130.06.70	623.130.07.70	623.130.08.70	623.130.10.70	623.130.12.70
75	623.130.04.75	623.130.05.75	623.130.06.75	623.130.07.75	623.130.08.75	623.130.10.75	623.130.12.75
80	623.130.04.80	623.130.05.80	623.130.06.80	623.130.07.80	623.130.08.80	623.130.10.80	623.130.12.80
85	623.130.04.85	623.130.05.85	623.130.06.85	623.130.07.85	623.130.08.85	623.130.10.85	623.130.12.85
90	623.130.04.90	623.130.05.90	623.130.06.90	623.130.07.90	623.130.08.90	623.130.10.90	623.130.12.90
95	623.130.04.95	623.130.05.95	623.130.06.95	623.130.07.95	623.130.08.95	623.130.10.95	623.130.12.95
100	623.130.04.100	623.130.05.100	623.130.06.100	623.130.07.100	623.130.08.100	623.130.10.100	623.130.12.100

For Jewett Nail Plate 135°, please replace 130 with 135 in above code pattern.

**Proximal Femur Plate, 4.5 mm**

**Item Code: 657**

- Thickness (T): 5.3 mm
- Width (W): 18 mm
- Hole Spacing (HS): 18 mm



**Indications**

- Unstable Intertrochanteric and subtrochanteric fractures
- Basal neck femur fractures

**Features**

- Low profile to prevent trochanter bursitis
- Anatomical plate left and right sided
- Oblong hole for optimal plate placement
- Head holes suitable for 6.5 mm cancellous screws for fixation into calcar region of neck and head of femur
- Shaft holes suitable for 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

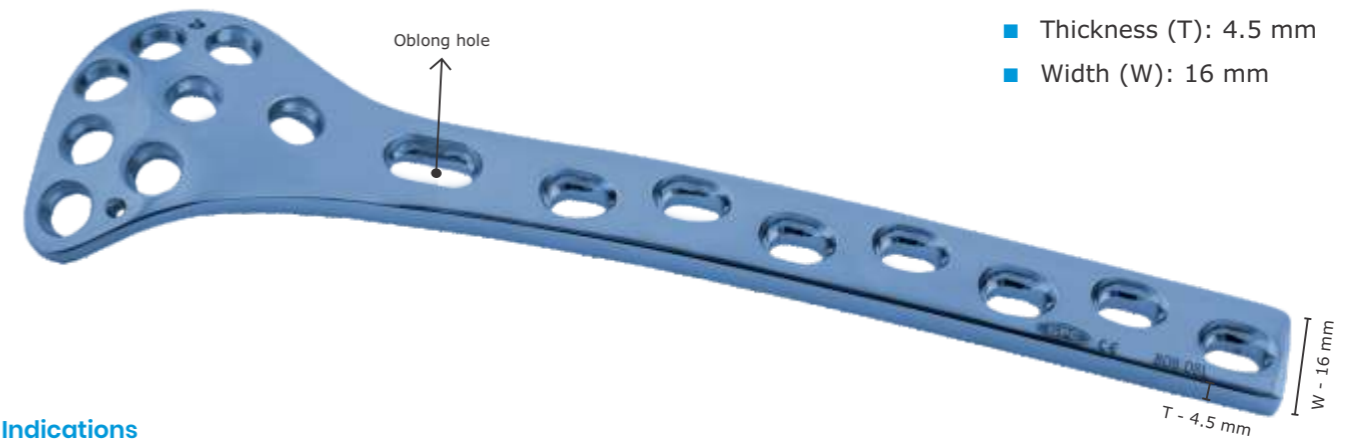
**Sizes Available**

No. of Holes	Code - For Left		Code - For Right	
	S.S.	Titanium	S.S.	Titanium
5	657.05L	657.05TL	657.05R	657.05TR
6	657.06L	657.06TL	657.06R	657.06TR
7	657.07L	657.07TL	657.07R	657.07TR
8	657.08L	657.08TL	657.08R	657.08TR
9	657.09L	657.09TL	657.09R	657.09TR
10	657.10L	657.10TL	657.10R	657.10TR
11	657.11L	657.11TL	657.11R	657.11TR
12	657.12L	657.12TL	657.12R	657.12TR
13	657.13L	657.13TL	657.13R	657.13TR

**Distal Femur Plate, 4.5 mm**

**Item Code: 808**

- Thickness (T): 4.5 mm
- Width (W): 16 mm



**Indications**

- Intra articular fractures of the distal femur both in coronal and saggital plane
- Extra articular fractures of the distal femur
- Fracture distal one third femur with extension into supracondylar or intercondylar region
- Non-union and malunion of distal femur fractures

**Features**

- Low profile plate
- Anatomically contoured
- Allows dynamic compression of fracture fragment
- Side specific, available separately for left and right leg
- Head holes suitable for 6.5 mm cancellous screws and shaft holes accommodate 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

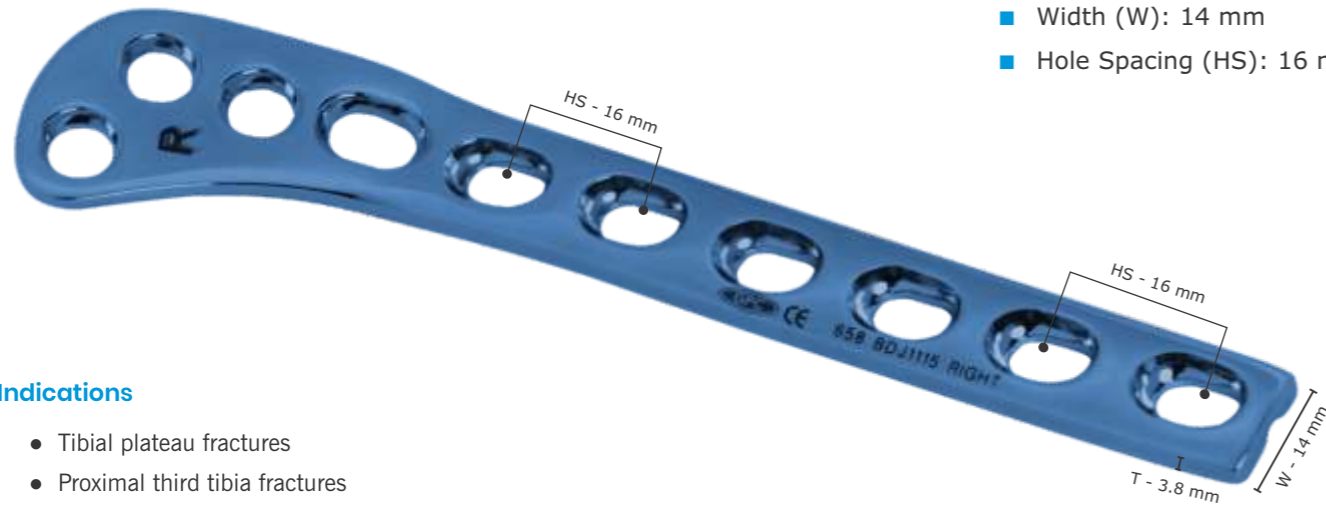
**Sizes Available**

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
5	808.05L	808.05TL	808.05R	808.05TR
6	808.06L	808.06TL	808.06R	808.06TR
7	808.07L	808.07TL	808.07R	808.07TR
8	808.08L	808.08TL	808.08R	808.08TR
9	808.09L	808.09TL	808.09R	808.09TR
10	808.10L	808.10TL	808.10R	808.10TR
11	808.11L	808.11TL	808.11R	808.11TR
12	808.12L	808.12TL	808.12R	808.12TR
13	808.13L	808.13TL	808.13R	808.13TR

Lateral Tibia Head Buttress Plate, 4.5 mm

Item Code: 658

- Thickness (T): 3.8 mm
- Width (W): 14 mm
- Hole Spacing (HS): 16 mm



Indications

- Tibial plateau fractures
- Proximal third tibia fractures
- Non union and malunion of proximal tibia fractures
- For the stabilization of fractures of the proximal tibia
- Proximal shaft fractures
- Intra articular and periprosthetic fractures

Features

- Low profile plate
- Anatomically precontoured plate
- Preshaped for left and right
- Helps to buttress the lateral proximal tibia fracture
- Shaft holes suitable for 4.5 mm cortex screws
- Head holes suitable for 6.5 mm cancellous screws
- Available in both Titanium and Stainless Steel

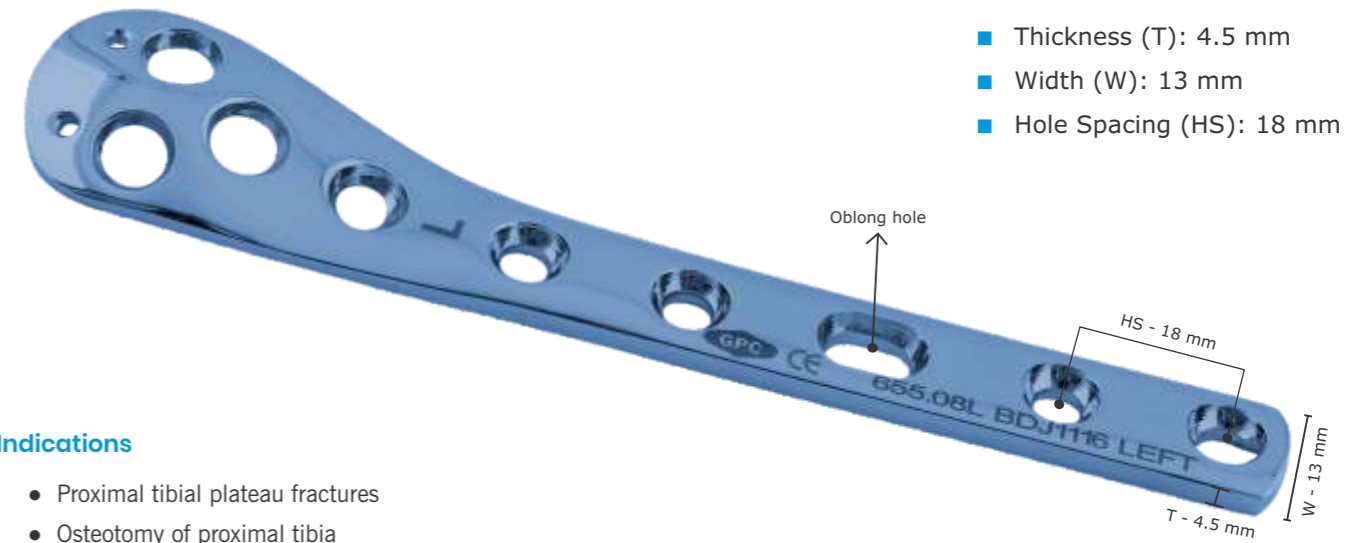
Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
5	658.05L	658.05TL	658.05R	658.05TR
7	658.07L	658.07TL	658.07R	658.07TR
9	658.09L	658.09TL	658.09R	658.09TR
11	658.11L	658.11TL	658.11R	658.11TR
13	658.13L	658.13TL	658.13R	658.13TR

Medial Proximal Tibia Plate, 4.5 mm

Item Code: 655

- Thickness (T): 4.5 mm
- Width (W): 13 mm
- Hole Spacing (HS): 18 mm



Indications

- Proximal tibial plateau fractures
- Osteotomy of proximal tibia

Features

- Designed to sit on medial aspect of proximal tibia
- Allows a stable fixation of the small proximal fragments
- Preshaped separately for left and right tibia
- Oblong hole for accurate placement of plate on bone
- Head holes suitable for 6.5 mm cancellous screws and shaft holes accept 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
5	655.05L	655.05TL	655.05R	655.05TR
6	655.06L	655.06TL	655.06R	655.06TR
7	655.07L	655.07TL	655.07R	655.07TR
8	655.08L	655.08TL	655.08R	655.08TR
9	655.09L	655.09TL	655.09R	655.09TR
10	655.10L	655.10TL	655.10R	655.10TR
11	655.11L	655.11TL	655.11R	655.11TR
12	655.12L	655.12TL	655.12R	655.12TR
13	655.13L	655.13TL	655.13R	655.13TR



Distal Tibia Plate, 4.5 mm

Item Code: 652

- Thickness (T): 3.5 mm
- Width (W): 16 mm
- Hole Spacing (HS): 18 mm



Indications

- Distal third tibia fractures
- Tibial pilon fractures
- Nonunions and malunion of distal one third tibia & tibial pilon fractures

Features

- Low profile plate
- Precontoured for fixation on anteromedial surface of distal tibia
- Side specific design - available in left and right
- Oblong hole for optimal placement of plate onto bone
- Head holes suitable for 6.5 mm cancellous screws and shaft holes suitable for 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

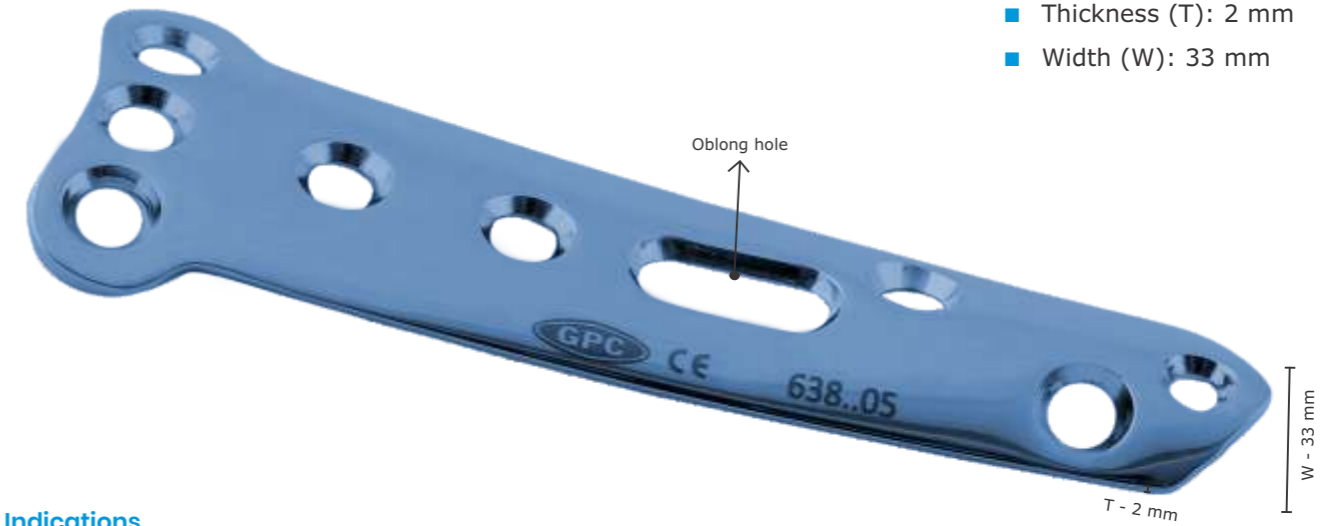
Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
5	652.05L	652.05TL	652.05R	652.05TR
6	652.06L	652.06TL	652.06R	652.06TR
7	652.07L	652.07TL	652.07R	652.07TR
8	652.08L	652.08TL	652.08R	652.08TR
9	652.09L	652.09TL	652.09R	652.09TR
10	652.10L	652.10TL	652.10R	652.10TR
11	652.11L	652.11TL	652.11R	652.11TR
12	652.12L	652.12TL	652.12R	652.12TR
13	652.13L	652.13TL	652.13R	652.13TR
14	652.14L	652.14TL	652.14R	652.14TR
15	652.15L	652.15TL	652.15R	652.15TR

Spoon Plate, 4.5 mm

Item Code: 638

- Thickness (T): 2 mm
- Width (W): 33 mm



Indications

- Metaphyseal nonunions of tibia
- Tibial pilon fractures

Features

- Low profile plate
- V profile for fixation on the frontal edge of tibia
- Oblong hole for accurate placement of the plate
- Used with 4.5 mm cortex screws in shaft
- Available in both Titanium and Stainless Steel

Sizes Available

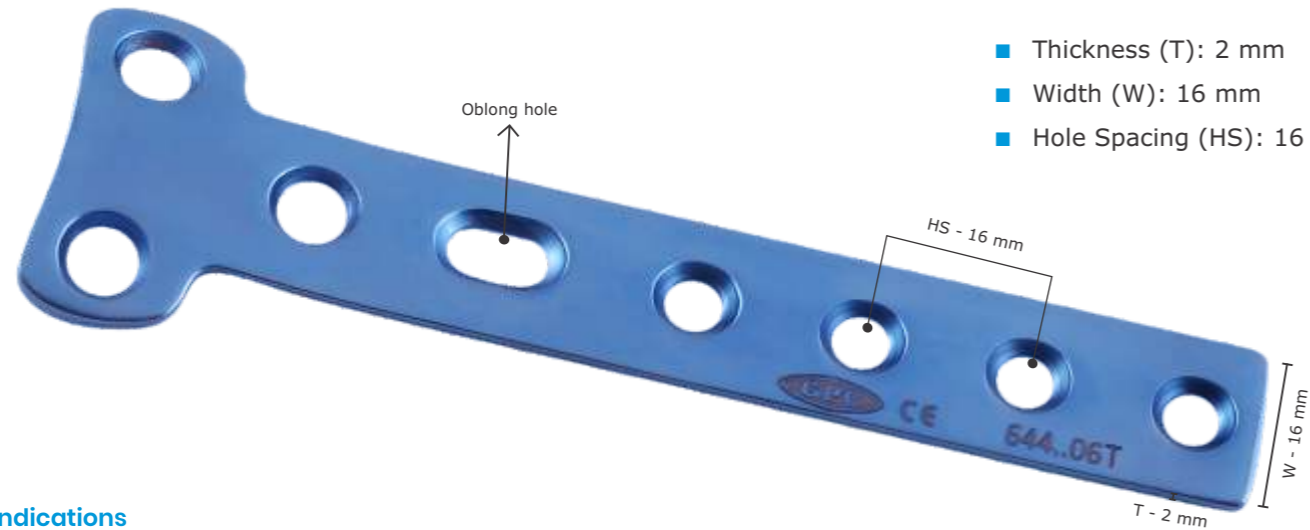
No. of Holes	Code	
	S.S.	Titanium
5	638.05	638.05T
6	638.06	638.06T



T-Plate, 4.5 mm

Item Code: 644

- Thickness (T): 2 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm



Indications

- Proximal tibia and proximal humerus fractures
- Malunion and nonunions of proximal tibia and humerus
- Distal femur condyle fractures

Features

- Low profile plate
- Elongated hole for loose temporary fixation with cortex screws for optimal plate placement
- Can be applied as neutralization, buttress or tension band plate
- Head holes suitable for 6.5 mm cancellous screws and shaft holes fixed with 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

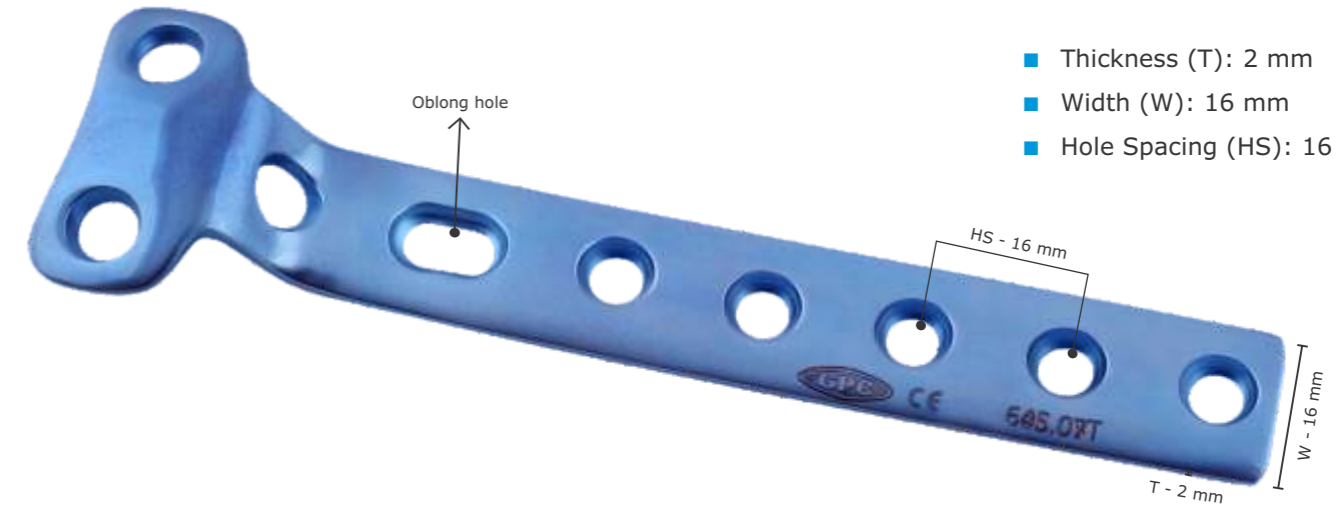
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
3	644.03	644.03T
4	644.04	644.04T
5	644.05	644.05T
6	644.06	644.06T
7	644.07	644.07T
8	644.08	644.08T
9	644.09	644.09T
10	644.10	644.10T
11	644.11	644.11T
12	644.12	644.12T
14	644.14	644.14T

T-Buttress Plate, 4.5 mm

Item Code: 645

- Thickness (T): 2 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm



Indications

- Proximal tibia fractures especially medial tibial plateau
- Used with tension device for fracture head of humerus

Features

- Supports the cortex of metaphysis from displacing by applying axial compression from a precontoured plate
- Allows compression buttress force
- Allows compression of periarticular fractures
- First screw to be inserted into the oblong hole for optimal placement of the plate
- Double bend to buttress the fracture
- Head holes suitable for 6.5 mm cancellous screws and shaft holes fixed with 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

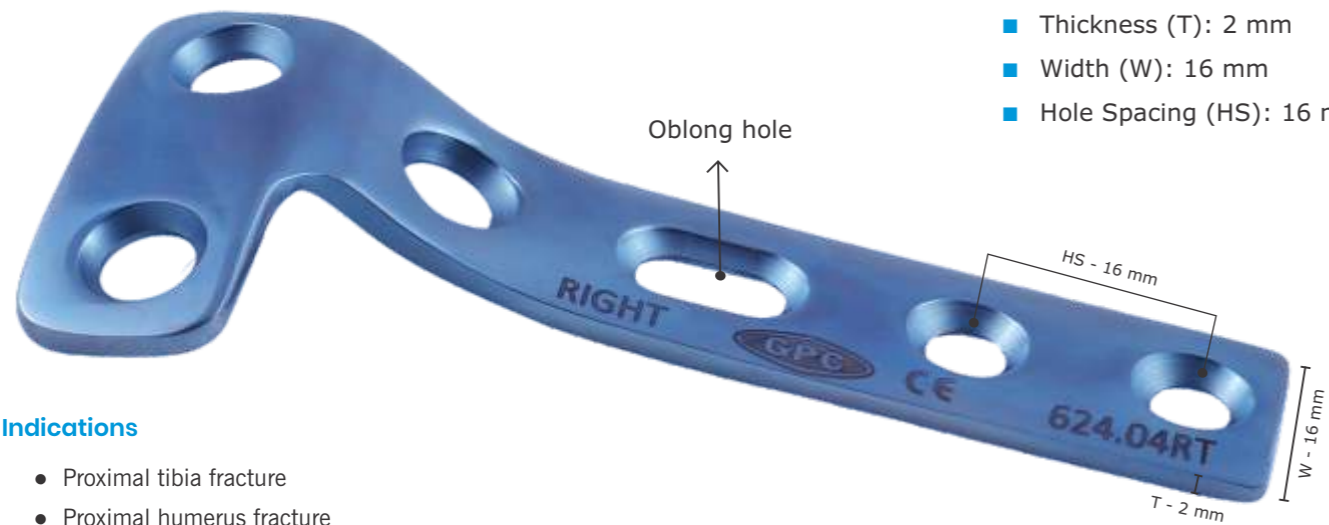
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	645.04	645.04T
5	645.05	645.05T
6	645.06	645.06T
7	645.07	645.07T
8	645.08	645.08T
9	645.09	645.09T
10	645.10	645.10T
11	645.11	645.11T
12	645.12	645.12T
14	645.14	645.14T

L-Buttress Plate, 4.5 mm

Item Code: 624

- Thickness (T): 2 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm



Indications

- Proximal tibia fracture
- Proximal humerus fracture

Features

- Designed to buttress the lateral aspect of the tibial plateau
- L buttress plates have an offset head, one for the left and one for the right leg, to enable more lateral buttressing without disturbing the fibula
- Precontoured low profile plate
- Oblong hole in the plate allows temporary fixation of the plate to the bone to allow up and down adjustment
- Shaft holes fixed with cortex screw Dia. 4.5 mm and head holes fixed with 6.5 mm cancellous screw
- Side specific design- available in left and right
- Available in both Titanium and Stainless Steel

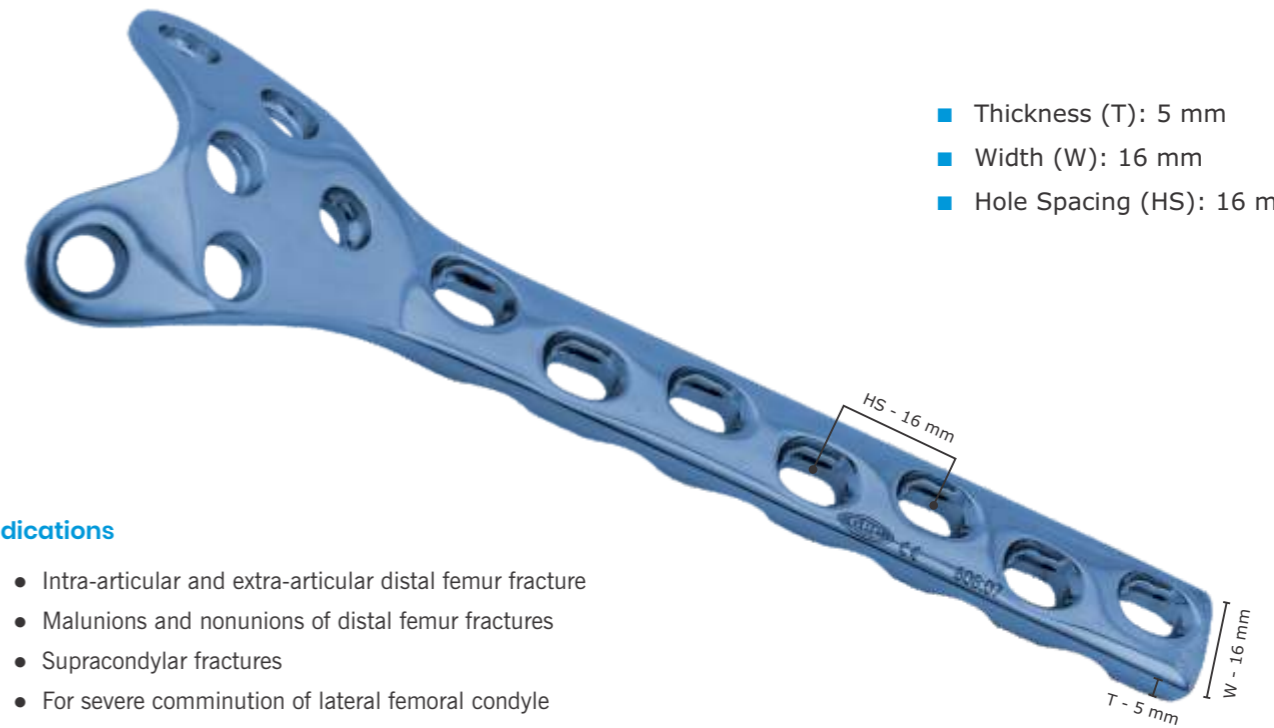
Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
3	624.03L	624.03TL	624.03R	624.03TR
4	624.04L	624.04TL	624.04R	624.04TR
5	624.05L	624.05TL	624.05R	624.05TR
6	624.06L	624.06TL	624.06R	624.06TR
7	624.07L	624.07TL	624.07R	624.07TR
8	624.08L	624.08TL	624.08R	624.08TR
9	624.09L	624.09TL	624.09R	624.09TR
10	624.10L	624.10TL	624.10R	624.10TR
11	624.11L	624.11TL	624.11R	624.11TR

Condylar Buttress Plat, 4.5 mm

Item Code: 606

- Thickness (T): 5 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm



Indications

- Intra-articular and extra-articular distal femur fracture
- Malunions and nonunions of distal femur fractures
- Supracondylar fractures
- For severe comminution of lateral femoral condyle
- Periprosthetic fractures
- In coronal plane fractures of distal femur condyle

Features

- Broad cloverleaf shaped plate
- Designed to buttress the comminuted supracondylar fractures
- Designed to contour to the lateral aspect of the distal femur cortex
- Especially useful in comminuted distal femur fractures with a coronal shear fracture
- Head holes suitable for 6.5 mm cancellous screws
- Shaft compression holes fixed with cortex screws Dia. 4.5 mm
- Available in both Titanium and Stainless Steel

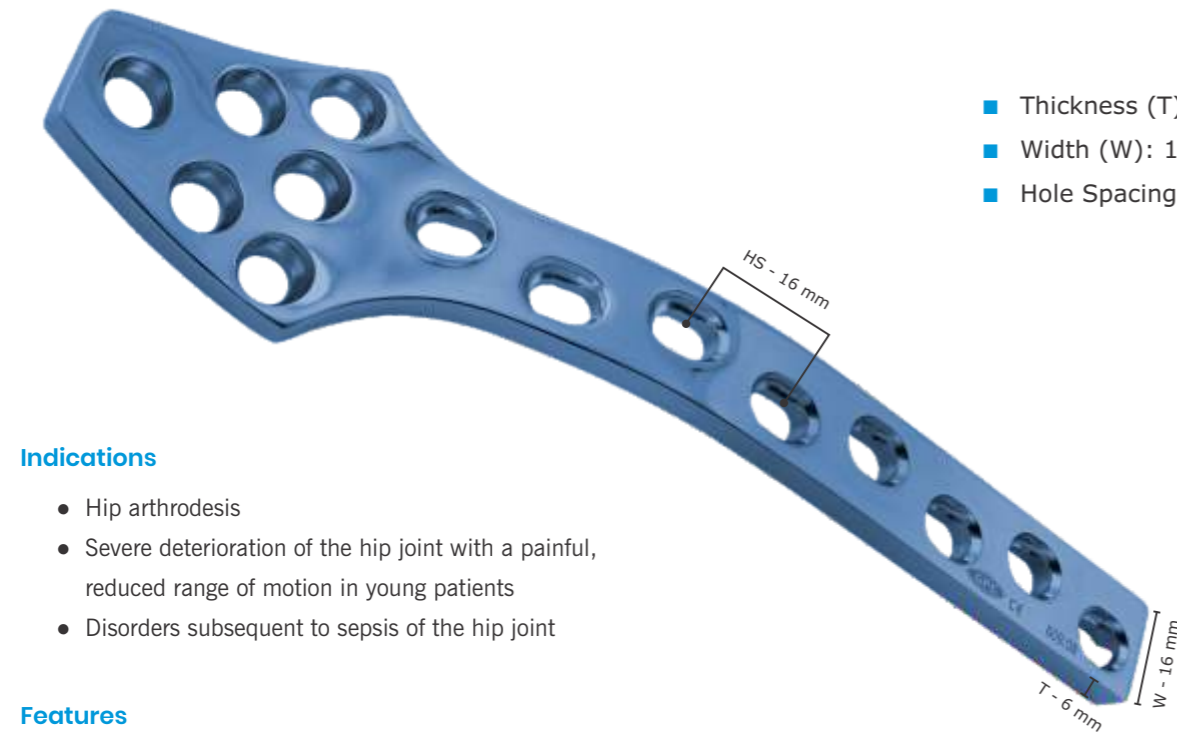
Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
7	606.07L	606.07TL	606.07R	606.07TR
9	606.09L	606.09TL	606.09R	606.09TR
11	606.11L	606.11TL	606.11R	606.11TR
13	606.13L	606.13TL	606.13R	606.13TR
15	606.15L	606.15TL	606.15R	606.15TR

Cobra Head Plate, 4.5 mm

Item Code: 609

- Thickness (T): 6 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm



Indications

- Hip arthrodesis
- Severe deterioration of the hip joint with a painful, reduced range of motion in young patients
- Disorders subsequent to sepsis of the hip joint

Features

- If the technique is correct, immediate mobilization and partial weight bearing is facilitated
- Little risk of non-union as compared to other surgical procedures
- Dynamic compression holes allow compression of fracture fragments
- Head holes suitable for 6.5 mm cancellous screws
- Shaft compression holes are fixed with cortical screws Dia. 4.5 mm for fixation with femoral shaft
- Available in both Titanium and Stainless Steel

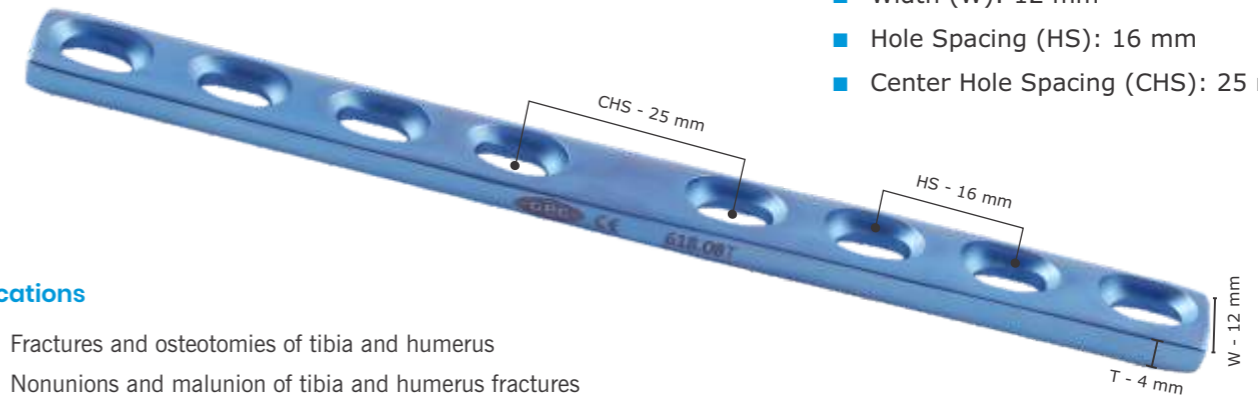
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
7	609.07	609.07T
8	609.08	609.08T
9	609.09	609.09T
10	609.10	609.10T
11	609.11	609.11T
12	609.12	609.12T
13	609.13	609.13T
14	609.14	609.14T

Dynamic Self Compression Plate, 4.5 mm - Narrow

Item Code: 618

- Thickness (T): 4 mm
- Width (W): 12 mm
- Hole Spacing (HS): 16 mm
- Center Hole Spacing (CHS): 25 mm



Indications

- Fractures and osteotomies of tibia and humerus
- Nonunions and malunion of tibia and humerus fractures

Features

- Can be applied in various modes - compression, buttress and bridging mode
- Used as neutralisation and tension band plate on tibia
- Dynamic compression holes allow compression of fracture fragments
- Has a middle section which is placed at the centre of the fracture
- Fixation with 4.5 mm cortex screws and 6.5 mm cancellous screws
- Available in both Titanium and Stainless Steel

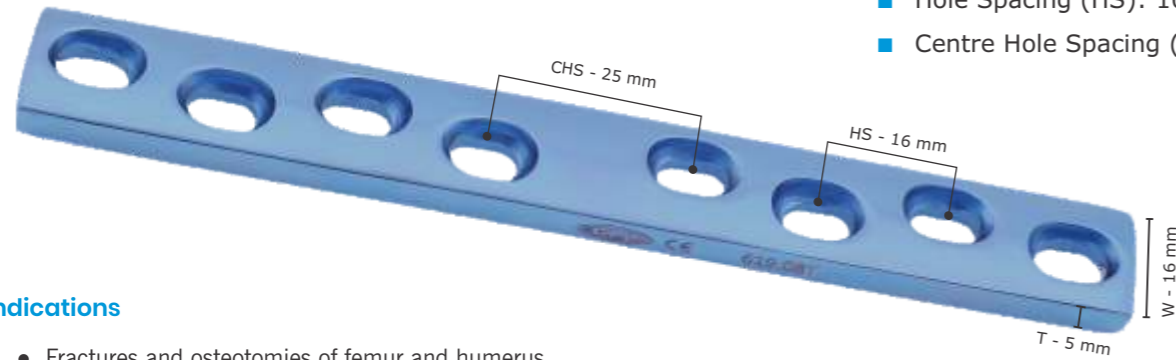
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
2	618.02	618.02T
3	618.03	618.03T
4	618.04	618.04T
5	618.05	618.05T
6	618.06	618.06T
7	618.07	618.07T
8	618.08	618.08T
9	618.09	618.09T
10	618.10	618.10T
11	618.11	618.11T
12	618.12	618.12T
13	618.13	618.13T
14	618.14	618.14T

Dynamic Self Compression Plate, 4.5 mm – Broad

Item Code: 619

- Thickness (T): 5 mm
- Width (W): 16 mm
- Hole Spacing (HS): 16 mm
- Centre Hole Spacing (CHS): 25 mm



Indications

- Fractures and osteotomies of femur and humerus
- Nonunions and malunion of femur and humerus

Features

- Can be applied in various modes- compression, buttress and bridging mode
- Used as tension band on femur
- Self - compressing holes allow compression of fracture fragments
- Has a middle section which is placed at the centre of the fracture
- Fixation with cortex screws Dia. 4.5 mm and cancellous screws Dia. 6.5 mm
- Available in both Titanium and Stainless Steel

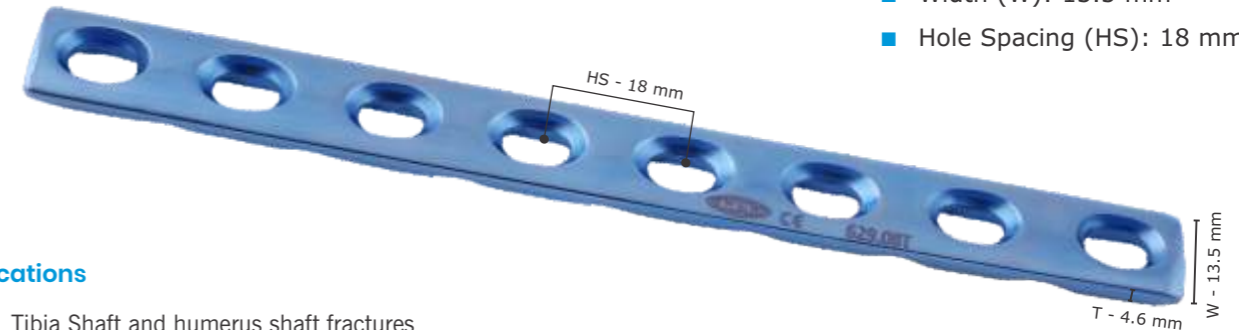
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
5	619.05	619.05T
6	619.06	619.06T
7	619.07	619.07T
8	619.08	619.08T
9	619.09	619.09T
10	619.10	619.10T
11	619.11	619.11T
12	619.12	619.12T
13	619.13	619.13T
14	619.14	619.14T
15	619.15	619.15T
16	619.16	619.16T
17	619.17	619.17T
18	619.18	619.18T

Limited Contact Dynamic Compression Plate (LC-DCP), 4.5 mm – Narrow

Item Code: 629

- Thickness (T): 4.6 mm
- Width (W): 13.5 mm
- Hole Spacing (HS): 18 mm



Indications

- Tibia Shaft and humerus shaft fractures
- Malunions and non-union of tibia and humerus

Features

- Allows dynamic compression of fracture fragments
- Grooved under surface preserves the vascularity of the bone resulting in relative improvement of cortical perfusion
- Rigid fixation
- Can be applied in various modes - compression, protection, buttress, tension band and bridging mode
- Fixation with 4.5 mm cortex and 6.5 mm cancellous screws
- Available in both Titanium and Stainless Steel

Sizes Available

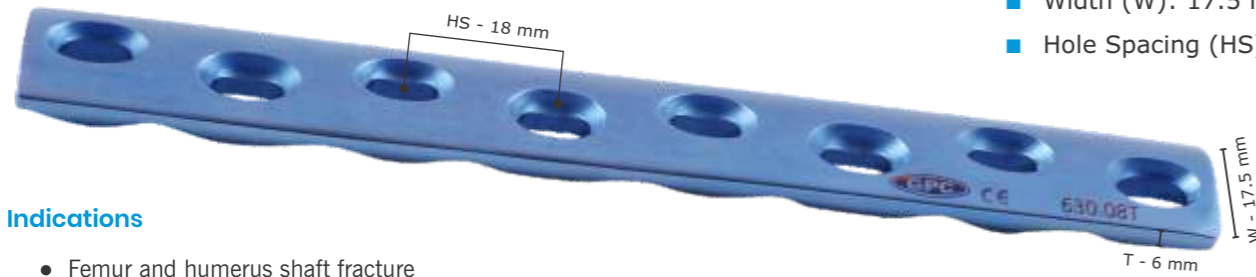
No. of Holes	Code	
	S.S.	Titanium
4	629.04	629.04T
5	629.05	629.05T
6	629.06	629.06T
7	629.07	629.07T
8	629.08	629.08T
9	629.09	629.09T
10	629.10	629.10T
11	629.11	629.11T
12	629.12	629.12T
13	629.13	629.13T
14	629.14	629.14T
15	629.15	629.15T
16	629.16	629.16T



**Limited Contact Dynamic Compression Plate (LC-DCP), 4.5 mm - Broad**

**Item Code: 630**

- Thickness (T): 6 mm
- Width (W): 17.5 mm
- Hole Spacing (HS): 18 mm



**Indications**

- Femur and humerus shaft fracture
- Malunions and non-union of femur and humerus

**Features**

- Allows dynamic compression of fracture fragments
- Grooved under surface preserves the vascularity of the bone resulting in relative improvement of cortical perfusion
- Uniform rigidity
- Uniform stiffness allows smooth contouring of the plate to the bone.
- Limited contact design protects the plate from localized high bending stresses
- Can be applied in various modes - compression, protection, buttress, tension band and bridging mode
- Fixation with 4.5 mm cortex screws and 6.5 mm cancellous screws
- Available in both Titanium and Stainless Steel

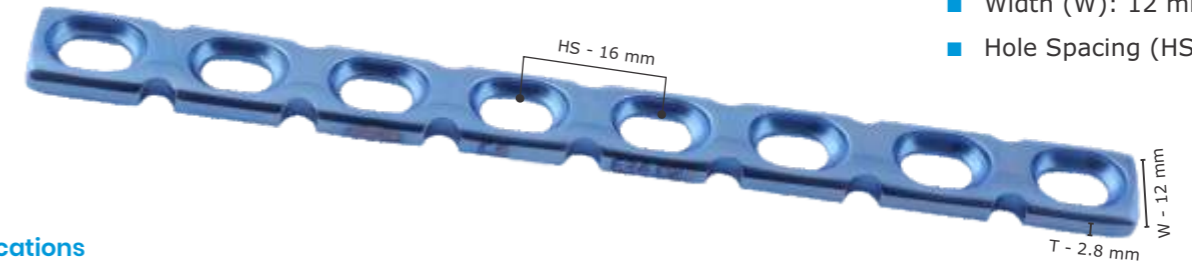
**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
4	630.04	630.04T
5	630.05	630.05T
6	630.06	630.06T
7	630.07	630.07T
8	630.08	630.08T
9	630.09	630.09T
10	630.10	630.10T
11	630.11	630.11T
12	630.12	630.12T
13	630.13	630.13T
14	630.14	630.14T
15	630.15	630.15T
16	630.16	630.16T
17	630.17	630.17T
18	630.18	630.18T
19	630.19	630.19T
20	630.20	630.20T

**Reconstruction Plate, 4.5 mm**

**Item Code: 634**

- Thickness (T): 2.8 mm
- Width (W): 12 mm
- Hole Spacing (HS): 16 mm



**Indications**

- Pelvis and acetabulum fractures
- Distal tibia fractures
- Calcaneum fractures
- Medial malleolus fractures

**Features**

- Have deep scallop like notches on the edge of the plate
- Notches situated between the holes allow accurate contouring of the plate in all planes
- Used in fractures with complex three dimensional geometry
- Can be contoured with special instruments to match the bone anatomy
- Used with 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
5	634.05	634.05T
6	634.06	634.06T
7	634.07	634.07T
8	634.08	634.08T
9	634.09	634.09T
10	634.10	634.10T
12	634.12	634.12T
14	634.14	634.14T
16	634.16	634.16T
18	634.18	634.18T
20	634.20	634.20T
22	634.22	634.22T



Reconstruction Plate, 4.5 mm – Curved

Item Code: 634C

- Thickness (T): 2.8 mm
- Width (W): 12 mm
- Hole Spacing (HS): 16 mm



Indications

- Pelvis and acetabulum fractures
- Used in the reconstruction of pelvic fractures

Features

- Notches situated between the holes allow accurate contouring of the plate
- Used in fractures with complex three dimensional geometry
- Used with 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

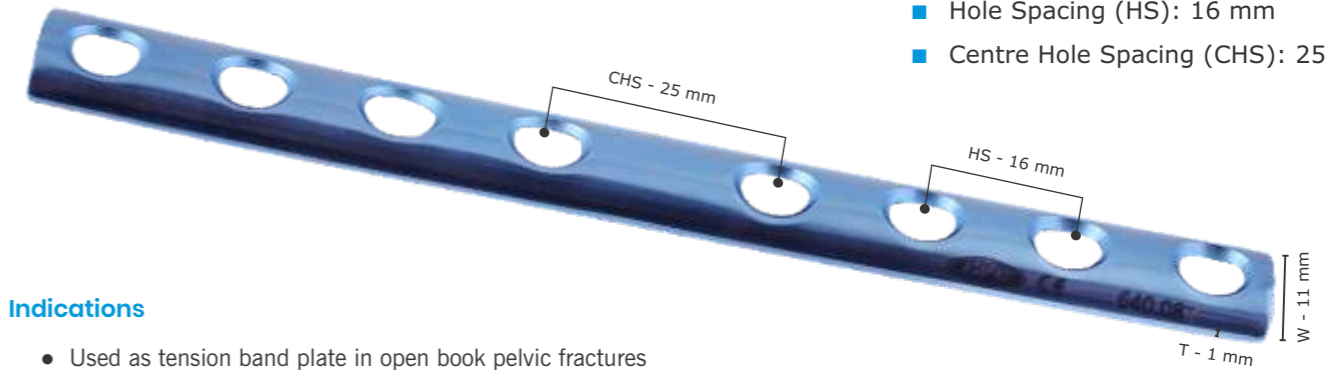
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
8	634C.08	634C.08T
9	634C.09	634C.09T
10	634C.10	634C.10T

Semi Tubular Plate, 4.5 mm

Item Code: 640

- Thickness (T): 1 mm
- Width (W): 11 mm
- Hole Spacing (HS): 16 mm
- Centre Hole Spacing (CHS): 25 mm



Indications

- Used as tension band plate in open book pelvic fractures
- Comminuted fractures in metaphysis in long bones
- For fixation of fractures of fibula, humerus, radius, ulna, clavicle and tibia

Features

- Designed in the shape of a half tube
- Used in areas where they are subjected to tensile forces
- Oval holes allow axial compression
- Fixation with Dia. 4.5 mm cortex screws
- Available in both Titanium and Stainless Steel

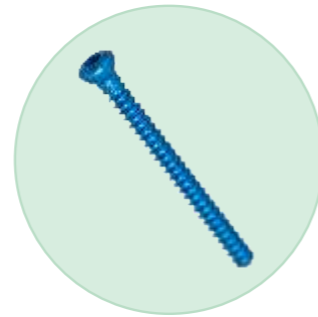
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
2	640.02	640.02T
3	640.03	640.03T
4	640.04	640.04T
5	640.05	640.05T
6	640.06	640.06T
7	640.07	640.07T
8	640.08	640.08T
9	640.09	640.09T
10	640.10	640.10T
11	640.11	640.11T
12	640.12	640.12T

**Cortex Screw 4.5 mm, Hexagonal Socket**

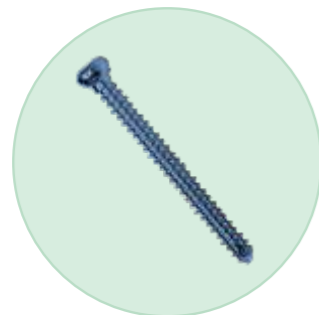
(Item Code: 712)

Thread dia.	4.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	10 – 110 mm (2 mm Diff)
Drill bit used	3.2 mm



**Self-Tapping Cortex Screw 4.5 mm, Hexagonal Socket**

(Item Code: 736)



Thread dia.	4.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	10 – 110 mm (2 mm Diff)
Drill bit used	3.2 mm

**Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 720)

Thread dia.	6.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	25 – 120 mm (5 mm Diff)
Drill bit used	3.2/4.5 mm
Thread Length	16 mm



**Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 721)



Thread dia.	6.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	40 – 120 mm (5 mm Diff)
Drill bit used	3.2/4.5 mm
Thread Length	32 mm

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cancellous Screw 6.5 mm, Hexagonal Socket**

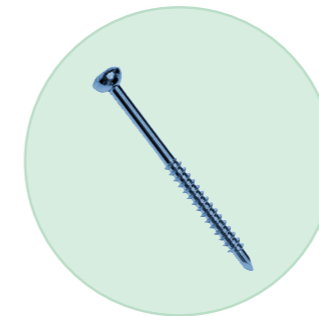
(Item Code: 722)

Thread dia.	6.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	25 – 120 mm (5 mm Diff)
Drill bit used	3.2/4.5 mm
Thread Length	Fully Threaded



**Malleolar Screw 4.5 mm**

(Item Code: 734)



Thread dia.	4.5 mm
Head dia.	8.0 mm
Core dia.	3.0 mm
Lengths	10 – 110 mm (2 mm Diff)
Drill bit used	3.2 mm

**DHS/DCS Lag Screw**

(Item Code: S603)

Thread dia.	12.5 mm
Lengths	50-145 mm (5 mm Diff)

**Compression Screw for DHS/DCS Lag Screw**

(Item Code: S604)

Thread dia.	4.0 mm
Head dia.	10.0 mm
Length	36 mm



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Basic Instrument Set - Large Fragment**

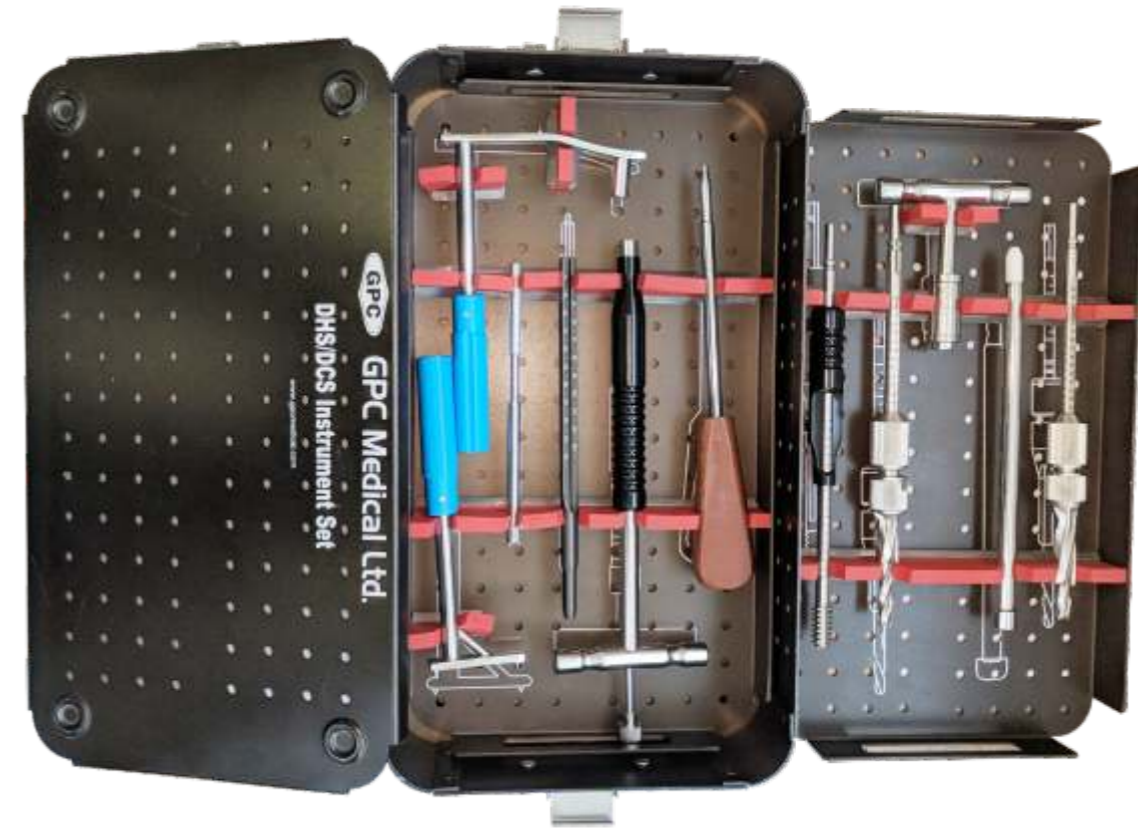
(Item Code: GOS1400)



GOS1400	Content	Quantity
BTD1130.32.130	Drill Bit, 3.2 mm Diameter Q.C.	2
BTD1130.45.130	Drill Bit, 4.5 mm Diameter Q.C.	2
IBS700.04	Counter Sink 4.5 mm	1
IBS765	Tap Handle	1
C-IBS762.45	Tap 4.5 mm Diameter Q.C.	2
C-IBS762.65	Tap 6.5 Diameter Cancellous Q.C.	1
IBS721.35	Tap Sleeve, 3.5 mm Diameter, as 3.2 mm Diameter, Drill Guide	1
IBS720.32	Insert Drill Sleeve 4.5/3.2 mm Diameter	1
IBS755	Pointed Drill Guide	1
IBS721.45	Tap Sleeve, 4.5 mm Diameter	1
C-ILBS747.35	Hexagonal Screw Driver 4.5 mm	1
ILBS746.35	Screw Driver Shaft 4.5 mm	1
IBS708	Depth Gauge for large screws	1
REH1053	Sharp Hook	1
IBS715.03	Drill Sleeve for Semi-Tubular Plates 3.2 mm	1
GOS115	Tension Device	1
GOS118	Socket Wrench	1
GOS120	Combination Wrench 11 mm	1
IBS777	DCP Neutral and Load Drill Guide, 3.2 mm/4.5 mm	1
GOS125	Bending Templates for 5, 7, and 9 hole Plates (E-1)	3
AGC1400	Aluminium Graphic Case	1

**DHS/DCS Plate Instrument Set**

(Item Code: GOS1404)



GOS1404	Content	Quantity
PS918.25.230	Guide Pin with Thread, 2.5 mm	3
PIS600	DHS Angle Guide	1
PIS616	Wrench for DHS	1
PIS626	DHS Triple Reamer	1
PIS615	Impactor	1
PIS606	Tap for DHS	1
PIS607	Coupling Screw for Plate Insertion with Guide Shaft	1
PIS608	Coupling Screw for Screw Removal	1
PIS605	Quick Coupling Handle	1
IBS750	Reverse Measuring Device	1
PIS612	Centering Sleeve for Tap	1
PIS617	Centering Sleeve for Wrench	1
PIS625	DCS Triple Reamer	1
PIS629	DCS Angled Guide	1
AGC1404	Aluminium Graphic Case	1



**Angled Blade Plate Instrument Set**

(Item Code: ABP1444)



ABP1444	Content	Quantity
ABP731	Triple Drill Guide	1
ABP732	Chisel Guide	1
ABP734	Seating Chisel	1
ABP736	Insertor/Extractor	1
ABP738	Slotted Hammer	1
ABP740	Impactor	1
ABP742	Triangular Guiding Plate	3
ABP744	Quadrangular Positioning	1
ABP748	Condylar Plate Guide	1
AGC1444	Aluminium Graphic Case	1

**Clavicle S - Shaped Plate, 3.5 mm**

**Item Code: 603**

- Thickness (T): 3 mm
- Width (W): 10 mm



**Indications**

- Fracture clavicle shaft
- Mal-unions of the clavicle
- Non-unions of the clavicle

**Features**

- Pre-contoured for right and left clavicle
- S shape to match the anatomy of the clavicle
- Thin plate profile easy to contour
- Fixed with 3.5 mm cortex screws
- Available in both Stainless Steel and Titanium

**Sizes Available**

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
6	603.06L	603.06TL	603.06R	603.06TR
8	603.08L	603.08TL	603.08R	603.08TR

**Clavicle Hook Plate, 3.5 mm**

**Item Code: 601**



**Indications**

- Lateral clavicle fractures.
- Dislocations of the acromioclavicular joint.

**Features**

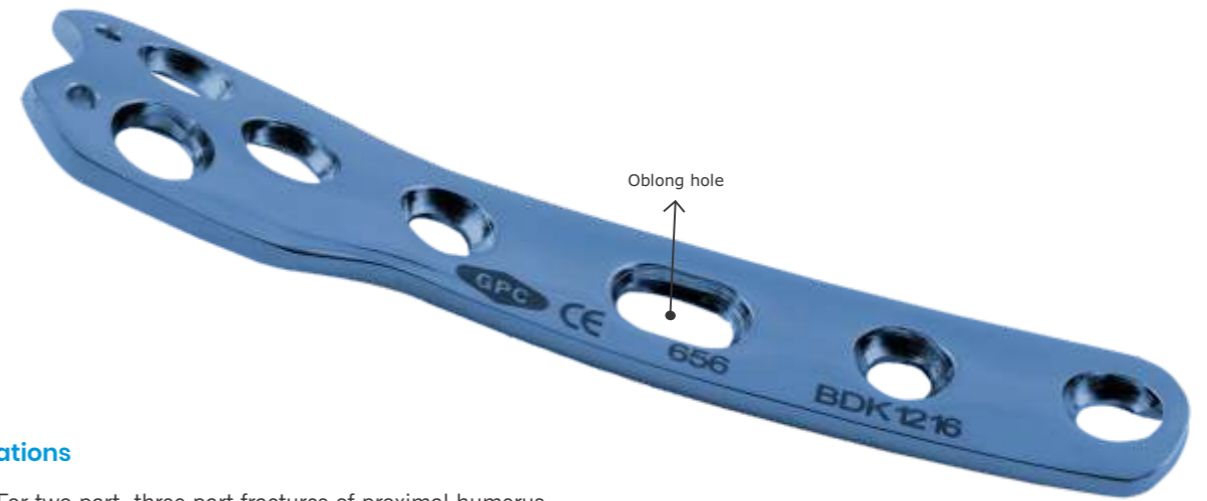
- Lateral clavicle screw fixation is possible due to anterolateral screw hole in the plate.
- Hook provides support to both lateral clavicle fractures and acromioclavicular joint dislocation.
- Offset hook design avoids insertion of hook into acromioclavicular ligament.
- Allows rotational mobility of the shoulder.
- 15 mm & 18 mm hook depths for optimal sizing and screw positioning for each patient.
- Side specific for left and right.
- Fixed with 3.5 mm cortex and cancellous screws
- Available in both Titanium & Stainless Steel

**Sizes Available**

No. of Holes	Hook Depth (mm)	Code - Left		Code - Right	
		S.S.	Titanium	S.S.	Titanium
4	15	601.15.04L	601.15.04TL	601.15.04R	601.15.04TR
6	15	601.15.06L	601.15.06TL	601.15.06R	601.15.06TR
8	15	601.15.08L	601.15.08TL	601.15.08R	601.15.08TR
4	18	601.18.04L	601.18.04TL	601.18.04R	601.18.04TR
6	18	601.18.06L	601.18.06TL	601.18.06R	601.18.06TR
8	18	601.18.08L	601.18.08TL	601.18.08R	601.18.08TR

**Proximal Humerus Bone Plate, 3.5 mm**

**Item Code: 656**



**Indications**

- For two part, three part fractures of proximal humerus
- Nonunions of proximal humerus fractures

**Features**

- Easily fits the contour of proximal humerus
- Two slots in the proximal part of the plate allow fixation of rotator cuff or displaced tuberosity fragments with suture wire
- Oblong hole allows temporary fixation of the plate for optimal placement on bone.
- Fixed with 3.5 mm cortex & cancellous screws
- Available in both Titanium & Stainless Steel

**Sizes Available**

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
4	656.04L	656.04TL	656.04R	656.04TR
5	656.05L	656.05TL	656.05R	656.05TR
6	656.06L	656.06TL	656.06R	656.06TR
7	656.07L	656.07TL	656.07R	656.07TR



Distal Humerus Plate, 3.5 mm

Item Code: 653

- Thickness (T): 2 mm
- Hole Spacing (HS): 17 mm



Indications

- Supracondylar and intercondylar fractures of distal humerus
- Comminuted fractures of distal humerus
- Intra-articular and extra-articular fractures of distal humerus

Features

- Unique two column fixation with a single plate
- Precontoured shape of the plate makes it side specific to be used separately for right and left humerus
- Oblong hole for accurate placement of plate on bone
- Head holes are suitable for 4.0 mm cancellous screws and shaft holes accept 3.5 mm cortex screws
- Available in both Titanium and Stainless Steel

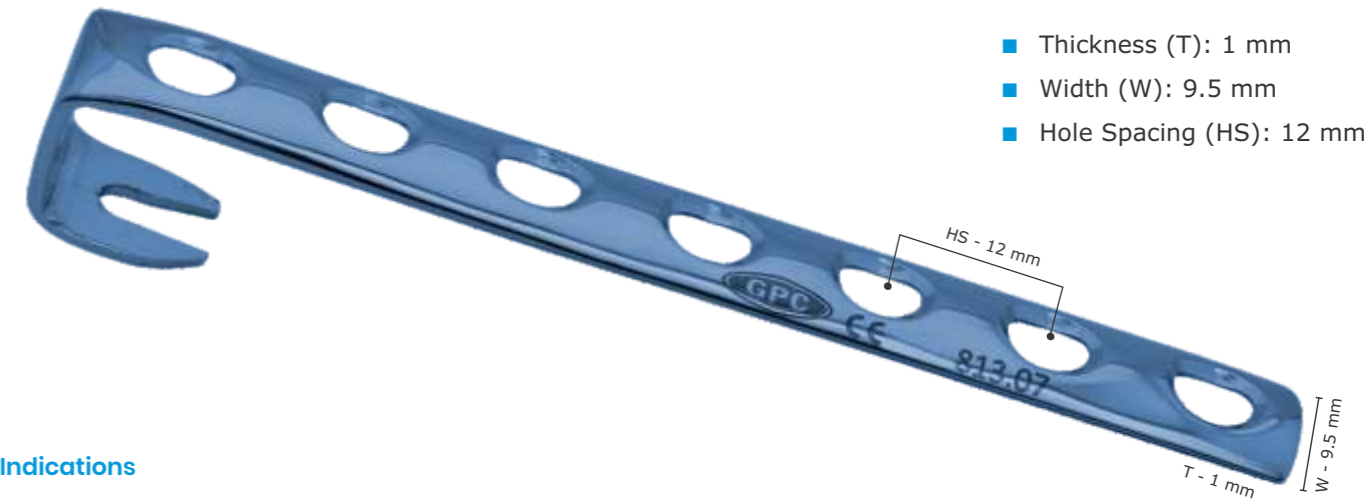
Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
2	653.02L	653.02TL	653.02R	653.02TR
3	653.03L	653.03TL	653.03R	653.03TR
4	653.04L	653.04TL	653.04R	653.04TR
5	653.05L	653.05TL	653.05R	653.05TR
6	653.06L	653.06TL	653.06R	653.06TR

Olecranon Hook Plate, 3.5 mm

Item Code: 813

- Thickness (T): 1 mm
- Width (W): 9.5 mm
- Hole Spacing (HS): 12 mm



Indications

- Simple fracture of the olecranon
- Osteotomies of the olecranon for distal humerus fracture

Features

- Pre-shaped hooks for fast fixation into olecranon
- Minimal soft tissue irritation
- Fixed with 3.5 mm cortex screws
- Available in both Titanium and Stainless Steel

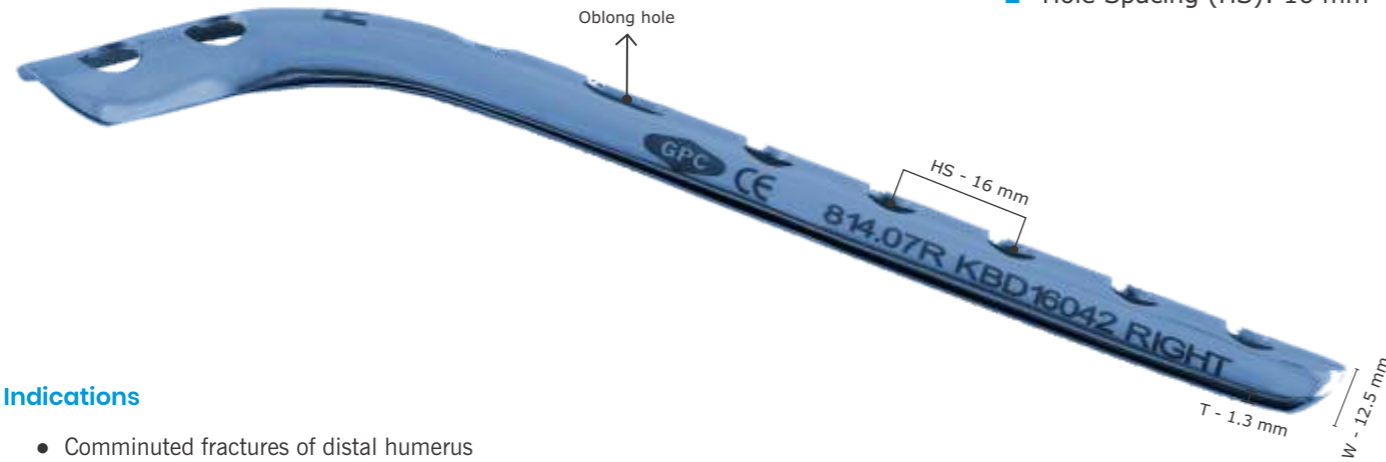
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	813.04	813.04T
5	813.05	813.05T
6	813.06	813.06T
7	813.07	813.07T
8	813.08	813.08T
10	813.10	813.10T

Lecestre Plate, 3.5 mm

Item Code: 814

- Thickness (T): 1.3 mm
- Width (W): 12.5 mm
- Hole Spacing (HS): 16 mm



Indications

- Comminuted fractures of distal humerus
- Supracondylar fractures of distal humerus
- Fixation of malunions and nonunions of distal humerus

Features

- Anatomically pre-contoured to fit medial and lateral epicondyle of distal humerus
- Pre-formed shape makes it side specific i.e. separate for left and right arm
- Low profile plate
- Oblong hole for optimal plate placement
- Fixed with 3.5 mm cortex screws and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

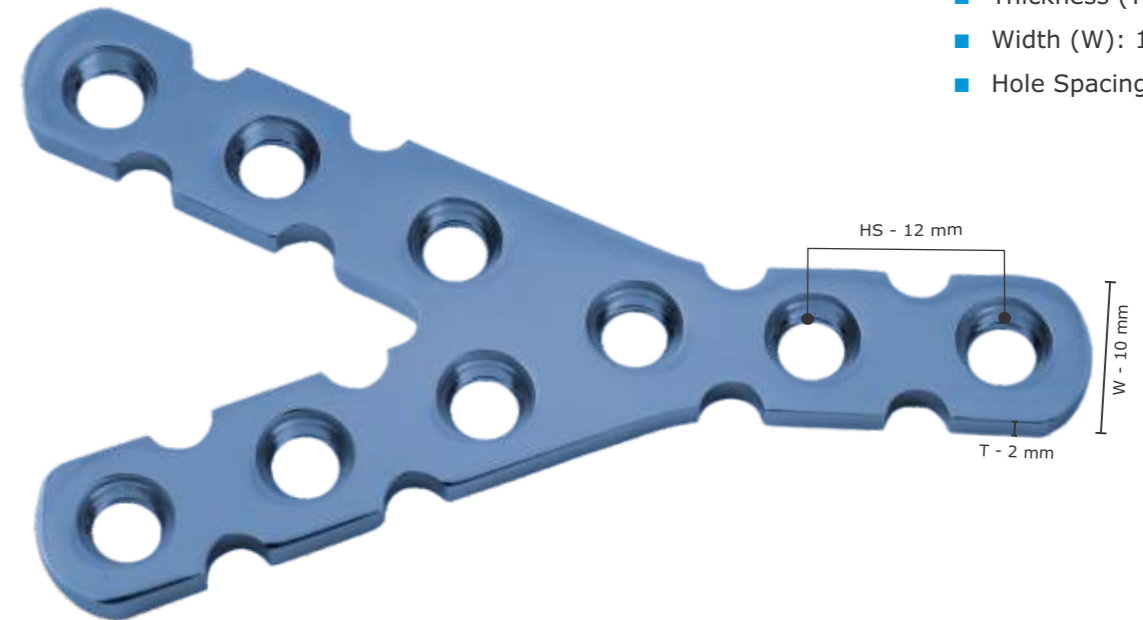
Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
5	814.05L	814.05TL	814.05R	814.05TR
6	814.06L	814.06TL	814.06R	814.06TR
7	814.07L	814.07TL	814.07R	814.07TR
8	814.08L	814.08TL	814.08R	814.08TR
9	814.09L	814.09TL	814.09R	814.09TR
10	814.10L	814.10TL	814.10R	814.10TR
11	814.11L	814.11TL	814.11R	814.11TR
12	814.12L	814.12TL	814.12R	814.12TR
13	814.13L	814.13TL	814.13R	814.13TR

Y-Reconstruction Plate, 3.5 mm

Item Code: 636

- Thickness (T): 2 mm
- Width (W): 10 mm
- Hole Spacing (HS): 12 mm



Indications

- Supracondylar and intercondylar fractures of humerus
- Non union distal humerus fractures
- Comminuted distal humerus fractures

Features

- Low profile plate
- Y shaped design allows accurate placement on both supracondylar pillars of humerus
- Notches in the plate allow contouring according to the anatomy of the bone
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

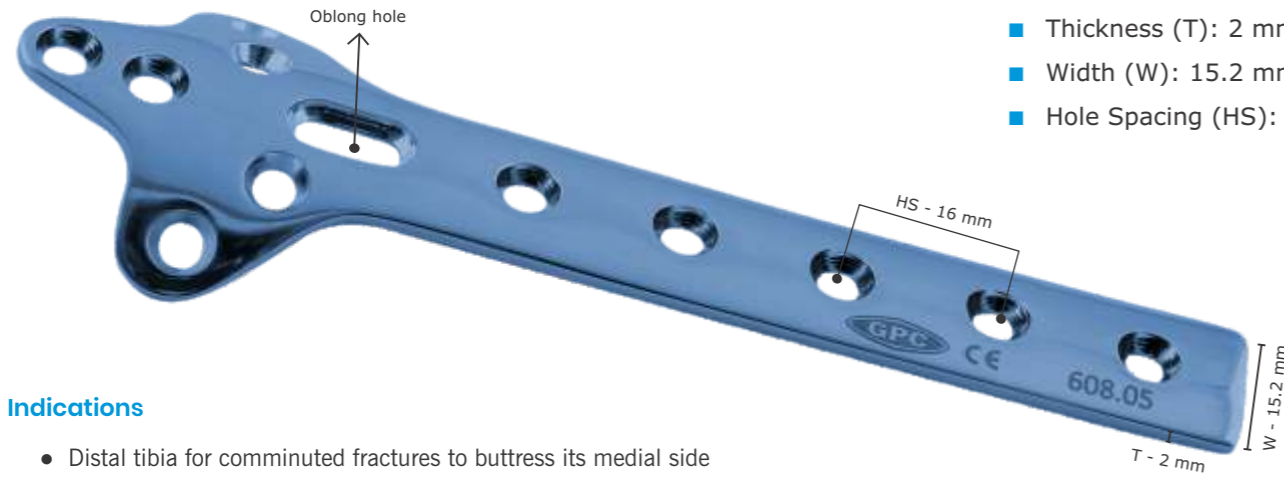
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
6	636.06	636.06T
9	636.09	636.09T
12	636.12	636.12T

**Cloverleaf Plate, 3.5 mm**

**Item Code: 608**

- Thickness (T): 2 mm
- Width (W): 15.2 mm
- Hole Spacing (HS): 16 mm



**Indications**

- Distal tibia for comminuted fractures to buttress its medial side
- Proximal humerus for comminuted fractures of the humeral head

**Features**

- Buttress plate allows good fit on the medial aspect of distal tibia
- Thin and can easily be cut
- The plate has a frontal wing which allows fixation to the medial malleolus
- Oblong hole allows for temporary fixation of the plate prior to final adjustment and fixation
- Head holes suitable for 4.0 mm cancellous screws
- Shaft compression screws suitable for 3.5 mm cortex screws
- Available in both Titanium and Stainless Steel

**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
3	608.03	608.03T
4	608.04	608.04T
5	608.05	608.05T
6	608.06	608.06T
7	608.07	608.07T
8	608.08	608.08T
9	608.09	608.09T
10	608.10	608.10T
11	608.11	608.11T
12	608.12	608.12T
13	608.13	608.13T
14	608.14	608.14T

**Calcaneal Plate, 3.5 mm**

**Item Code: 812**



**Indications**

- Fractures of the calcaneus
- Fractures and osteotomies of the calcaneus including extra articular, intra articular, joint depression and tongue type fractures

**Features**

- Easy to contour to achieve the desired fitting to the bone
- Fixed with 3.5 mm cortex screws
- Available in both Titanium and Stainless Steel

**Sizes Available**

Length (mm)	Code	
	S.S.	Titanium
60	812.60	812.60T
70	812.70	812.70T

Distal Lateral Fibula Plate, 3.5 mm

Item Code: 620

- Thickness (T): 3 mm
- Width (W): 10 mm



Indications

- Distal fibula fractures
- Non-unions of metaphyseal and diaphyseal region of distal fibula

Features

- Side specific- separate for left and right
- 5 head holes fixed with 2.7 mm cortex screws and shaft holes fixed with 3.5 mm cortex screws
- Available in both Stainless Steel and Titanium

Sizes Available

No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
3	620.03L	620.03TL	620.03R	620.03TR
4	620.04L	620.04TL	620.04R	620.04TR
5	620.05L	620.05TL	620.05R	620.05TR
6	620.06L	620.06TL	620.06R	620.06TR
7	620.07L	620.07TL	620.07R	620.07TR

T-Plate With 3 Head Holes, 3.5 mm

Item Code: 643

- Thickness (T): 1.2 mm
- Width (W): 10 mm



Indications

- Fractures of distal radius - articular and extra articular
- For fixation following corrective osteotomy of distal radius
- Distal one third radius fractures
- Proximal and distal tibia fractures
- Proximal humerus fractures

Features

- Low profile plate for minimal soft tissue irritation
- Takes contour of distal radius
- Provides good buttress for distal radius fractures
- T shaped head used for stacking multiple screws in raft mode to support distal radius articular surface
- Oblong hole for optimum placement
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

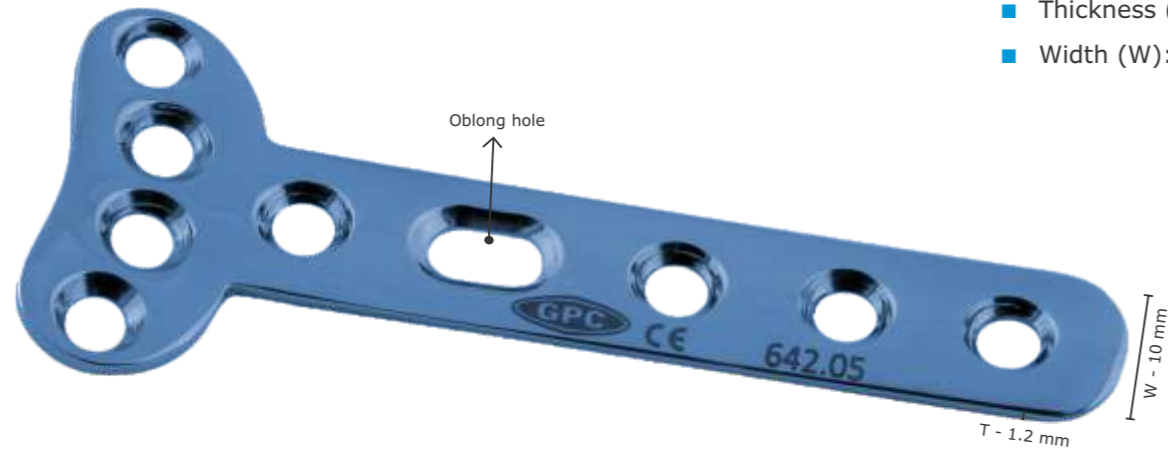
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
3	643.03	643.03T
4	643.04	643.04T
5	643.05	643.05T
6	643.06	643.06T

**T-Plate with 4 Head Holes, 3.5 mm**

**Item Code: 642**

- Thickness (T): 1.2 mm
- Width (W): 10 mm



**Indications**

- Fractures of distal radius - articular and extra articular
- For fixation following corrective osteotomy of distal radius
- Distal one third radius fractures
- Proximal and distal tibia fractures
- Proximal humerus fractures

**Features**

- Low profile plate for minimal soft tissue irritation
- Takes contour of distal radius
- Provides good buttress for distal radius fractures
- T shaped head used for stacking multiple screws in raft mode to support distal radius articular surface
- Oblong hole for optimum placement
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

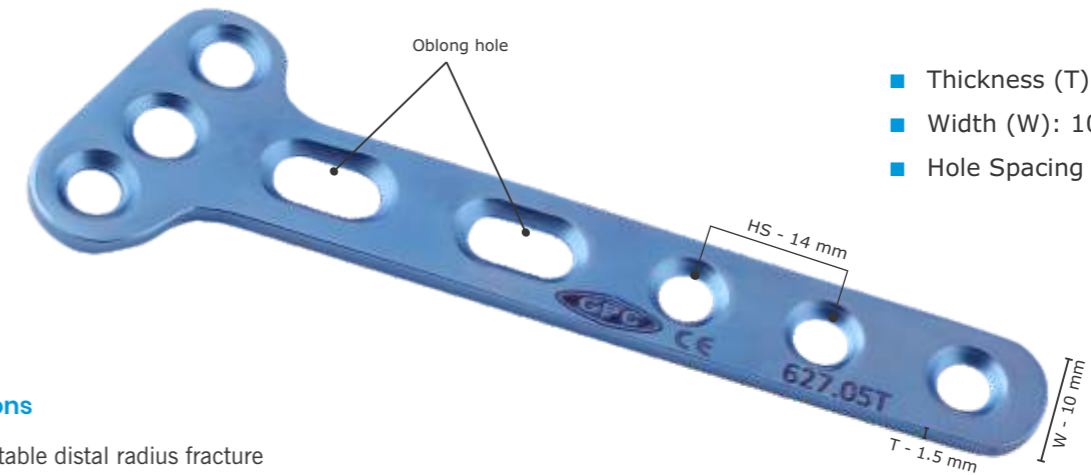
**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
3	642.03	642.03T
4	642.04	642.04T
5	642.05	642.05T
6	642.06	642.06T

**T-Plate Oblique Angled, 3.5 mm**

**Item Code: 627**

- Thickness (T): 1.5 mm
- Width (W): 10 mm
- Hole Spacing (HS): 14 mm



**Indications**

- Unstable distal radius fracture
- Partial articular and intra articular distal radius fractures
- For fixation following corrective osteotomy of malunited distal radius fractures
- For dorsum of the distal radius where it fits better than right angled T Plate

**Features**

- Oblique plate for holding the styloid fragment
- Oblique part has 120° angle
- Low profile plate prevents soft tissue irritation
- Anatomical plate with left and right sided
- Oblong hole in the shaft allows temporary stabilisation and accurate plate placement
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

**Sizes Available**

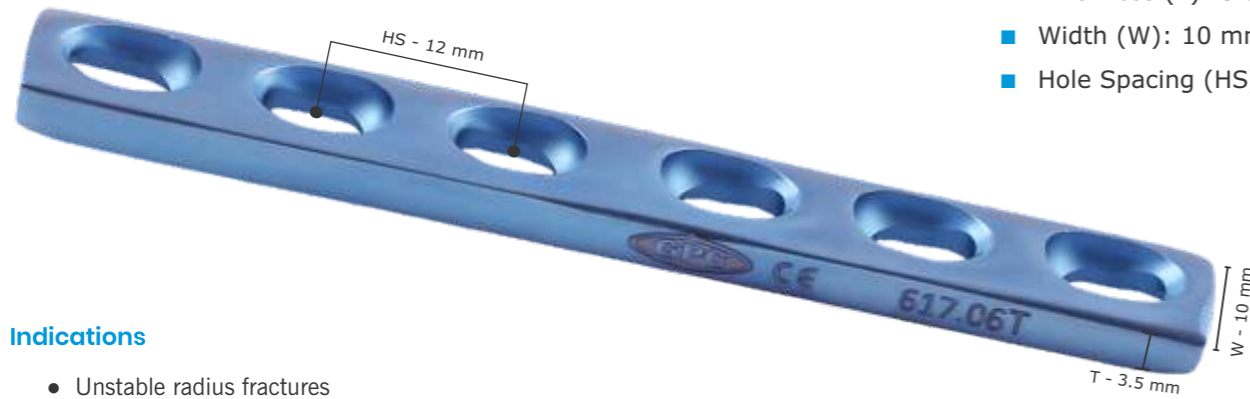
No. of Holes	Code - Left		Code - Right	
	S.S.	Titanium	S.S.	Titanium
3	627.03L	627.03TL	627.03R	627.03TR
4	627.04L	627.04TL	627.04R	627.04TR
5	627.05L	627.05TL	627.05R	627.05TR



**Dynamic Self Compression Plate, 3.5 mm**

**Item Code: 617**

- Thickness (T): 3.5 mm
- Width (W): 10 mm
- Hole Spacing (HS): 12 mm



**Indications**

- Unstable radius fractures
- Intra-articular and extra-articular radius and ulna fractures
- Distal humeral fractures
- Clavicular fractures

**Features**

- Dynamic compression holes allow compression of fracture fragments for early bone healing
- Allow stable fixation of fractures
- DCP holes allow inclined insertion of screws in 25° longitudinal and 7° sideways
- Notched at the end to allow the attachment of Muller's Compression Device
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

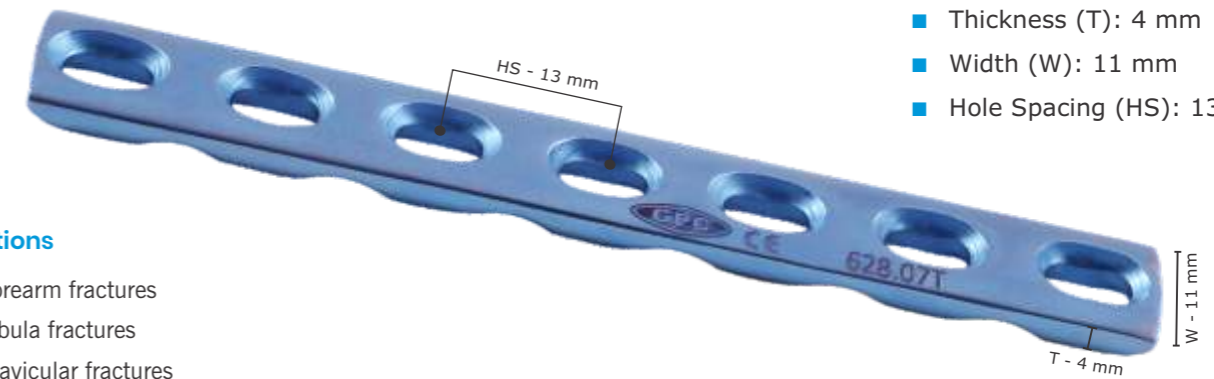
**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
2	617.02	617.02T
3	617.03	617.03T
4	617.04	617.04T
5	617.05	617.05T
6	617.06	617.06T
7	617.07	617.07T
8	617.08	617.08T
9	617.09	617.09T
10	617.10	617.10T
11	617.11	617.11T
12	617.12	617.12T
14	617.14	617.14T

**Limited Contact Dynamic Compression Plate (LC-DCP), 3.5 mm**

**Item Code: 628**

- Thickness (T): 4 mm
- Width (W): 11 mm
- Hole Spacing (HS): 13 mm



**Indications**

- Forearm fractures
- Fibula fractures
- Clavicular fractures
- Pelvis fractures
- Malleolar fractures

**Features**

- Reduces plate footprint to preserve the blood supply of the periosteum
- Overcomes problems with DCP plate
- Allows more inclination of screw in longitudinal plane and transverse plane
- Oval holes allow compression of fracture fragments
- More contourable
- Reduced plate fatigue at hole
- Less chances of fracture after implant removal
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

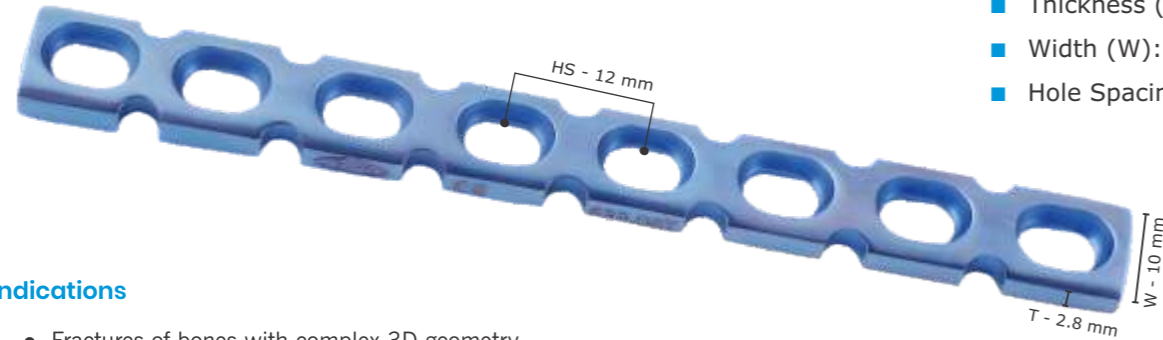
**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
3	628.03	628.03T
4	628.04	628.04T
5	628.05	628.05T
6	628.06	628.06T
7	628.07	628.07T
8	628.08	628.08T
9	628.09	628.09T
10	628.10	628.10T
11	628.11	628.11T
12	628.12	628.12T
13	628.13	628.13T
14	628.14	628.14T

**Reconstruction Plate, 3.5 mm**

**Item Code: 633**

- Thickness (T): 2.8 mm
- Width (W): 10 mm
- Hole Spacing (HS): 12 mm



**Indications**

- Fractures of bones with complex 3D geometry
- Pelvis and acetabulum fractures
- Distal tibia fractures
- Distal humerus fracture
- Medial Malleolus fracture
- Clavicular fractures

**Features**

- Deep notches allow accurate contouring of the plate in all planes
- Oval holes allow dynamic compression of fracture fragments
- Special instruments are available for contouring these plates
- Can be contoured for fixation of various bones
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
5	633.05	633.05T
6	633.06	633.06T
7	633.07	633.07T
8	633.08	633.08T
9	633.09	633.09T
10	633.10	633.10T
11	633.11	633.11T
12	633.12	633.12T
13	633.13	633.13T
14	633.14	633.14T
15	633.15	633.15T
16	633.16	633.16T
17	633.17	633.17T
18	633.18	633.18T
19	633.19	633.19T
20	633.20	633.20T
21	633.21	633.21T
22	633.22	633.22T

**Reconstruction Plate, 3.5mm - Curved**

**Item Code: 633C**

- Thickness (T): 2.8 mm
- Width (W): 10 mm
- Hole Spacing (HS): 12 mm



**Indications**

- Used in the reconstruction of pelvic fractures

**Features**

- Precurved to match the bone anatomy of pelvis
- Used in fractures with complex three dimensional geometry
- Used with 3.5 mm cortex screws and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

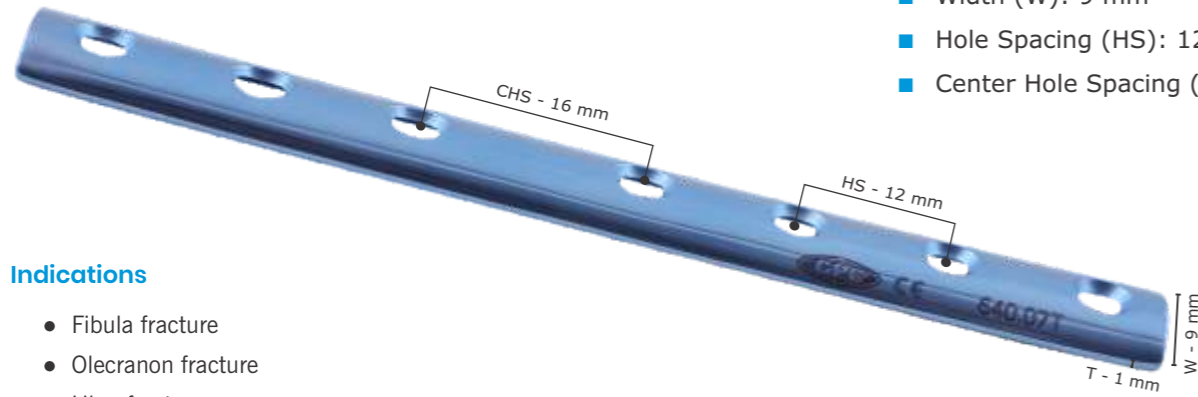
**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
5	633C.05	633C.05T
6	633C.06	633C.06T
7	633C.07	633C.07T
8	633C.08	633C.08T
9	633C.09	633C.09T
10	633C.10	633C.10T

**One Third Tubular Plate, 3.5 mm**

**Item Code: 639**

- Thickness (T): 1 mm
- Width (W): 9 mm
- Hole Spacing (HS): 12 mm
- Center Hole Spacing (CHS): 16 mm



**Indications**

- Fibula fracture
- Olecranon fracture
- Ulna fracture
- Lateral malleolus fracture
- Humerus fracture

**Features**

- Useful in areas with minimal soft tissue covering
- Low profile construct
- Oval holes allow eccentric screw placement to produce fracture compression
- Can be contoured to match the anatomy of the bone
- Fixed with 3.5 mm cortex and 4.0 mm cancellous screws
- Available in both Titanium and Stainless Steel

**Sizes Available**

No. of Holes	Code	
	S.S.	Titanium
2	639.02	639.02T
3	639.03	639.03T
4	639.04	639.04T
5	639.05	639.05T
6	639.06	639.06T
7	639.07	639.07T
8	639.08	639.08T
9	639.09	639.09T
10	639.10	639.10T
11	639.11	639.11T
12	639.12	639.12T

**Cortex Screw 3.5 mm, Hexagonal Socket**

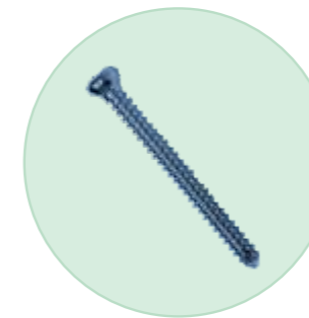
**(Item Code: 713)**

Thread dia.	3.5 mm
Head dia.	6.0 mm
Core dia.	2.4 mm
Lengths	10 – 110 mm (2 mm Diff)
Drill bit used	2.5 mm



**Self-Tapping Cortex Screw 3.5 mm, Hexagonal Socket**

**(Item Code: 735)**



Thread dia.	3.5 mm
Head dia.	6.0 mm
Core dia.	2.4 mm
Lengths	10 – 105 mm (2 mm Diff)
Drill bit used	2.5 mm

**Cortex Screw 2.7 mm, Hexagonal Socket**

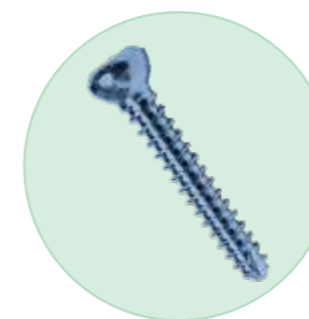
**(Item Code: 714)**

Thread dia.	2.7 mm
Head dia.	5.0 mm
Core dia.	1.9 mm
Lengths	6 – 70 mm (2 mm Diff)
Drill bit used	2.0 mm



**Self-Tapping Cortex Screw 2.7 mm, Hexagonal Socket**

**(Item Code: 709)**



Thread dia.	2.7 mm
Head dia.	5.0 mm
Core dia.	1.9 mm
Lengths	6 – 40 mm (2 mm Diff)
Drill bit used	2.0 mm

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cancellous Screw 4.0 mm, Hexagonal Socket**

**(Item Code: 723)**



<b>Thread dia.</b>	4.0 mm
<b>Head dia.</b>	6.0 mm
<b>Core dia.</b>	1.9 mm
<b>Lengths</b>	10 – 80 mm (2 mm Diff)
<b>Drill bit used</b>	2.5 mm
<b>Thread Length</b>	Partially threaded

**Cancellous Screw 4.0 mm, Hexagonal Socket**

**(Item Code: 724)**

<b>Thread dia.</b>	4.0 mm
<b>Head dia.</b>	6.0 mm
<b>Core dia.</b>	1.9 mm
<b>Lengths</b>	10 – 60 mm (2 mm Diff)
<b>Drill bit used</b>	2.5 mm
<b>Thread Length</b>	Fully threaded



**Cancellous Screw 3.5 mm, Hexagonal Socket**

**(Item Code: 725)**



<b>Thread dia.</b>	3.5 mm
<b>Head dia.</b>	6.0 mm
<b>Core dia.</b>	1.9 mm
<b>Lengths</b>	10 – 60 mm (2 mm Diff)
<b>Drill bit used</b>	2.5 mm
<b>Thread Length</b>	Fully threaded

**Cancellous Screw 3.5 mm, Hexagonal Socket**

**(Item Code: 726)**

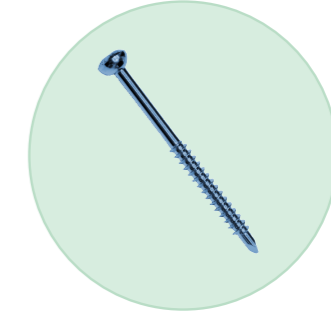
<b>Thread dia.</b>	3.5 mm
<b>Head dia.</b>	6.0 mm
<b>Core dia.</b>	1.9 mm
<b>Lengths</b>	10 – 60 mm (2 mm Diff)
<b>Drill bit used</b>	2.5 mm
<b>Thread Length</b>	Partially threaded



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Malleolar Screw 3.5 mm**

**(Item Code: 733)**



<b>Thread dia.</b>	3.5 mm
<b>Head dia.</b>	6.0 mm
<b>Core dia.</b>	2.4 mm
<b>Lengths</b>	10 – 110 mm (2 mm Diff)
<b>Drill bit used</b>	2.5 mm

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Small Fragment Implant & Instrument Set**

(Item Code: GOS1408)



GOS1408	Content	Quantity
BTD1130.25.130	Drill Bit, Dia. 2.5, Q.C.	2
BTD1130.35.130	Drill Bit, Dia. 3.5, Q.C.	2
IBS700.03	Counter Sink for 3.5, 4.0 mm Screw (6.0 Head)	1
C-IBS762.35	Cortical Tap for 3.5 mm Screws, Q.C.	2
C-IBS762.351	Cancellous Tap for 3.5 mm Screw Q.C.	1
C-IBS762.40	Cancellous Tap for 4.0 mm Screws, Q.C.	1
IBS765	Quick Coupling Handle	1
IBS721.35	Tap Sleeve, 3.5 mm Diameter/Drill Sleeve 2.5 mm Diameter	1
IBS720.27	Insert Sleeve Diameter 3.5 mm/2.7 mm	1
C-ILBS747.25	Small Screwdriver, 3.5 mm	1
ILBS746.25	Small Screwdriver Shaft, 2.5 mm Hex., Quick Coupling End	1
IBS709	Small Depth Gauge	1
IBS775	Neutral and Load Drill Guide, 2.5/3.5 mm	1
<b>General Instruments</b>		
REH1053	Sharp Hook	1
IBS771	Holding Clip for Plates	2
IBS753	Self-Holding Screw Forceps	1
IBP630.01	Bending Iron for Small DCP, 1 each	2
GOS124	Bending templates, 5 and 7 holes, 1 pair	2
BHF 1246.19	Self-Centring Bone Holding Forceps, 190 mm	1
BHF1245.17	Reduction Forceps with points, 170 mm Thread Lock	1
BHF1248.17	Reduction Forceps Serrated Thread Lock 170 mm	1

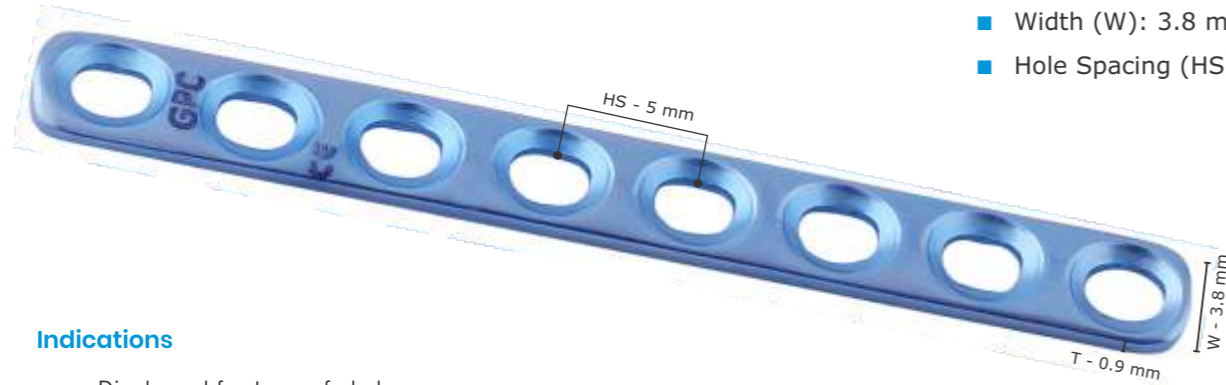
REH1064.06.160	Small Retractor, 6 mm Width	1
REH1064.08.160	Small Retractor, 8 mm Width	1
REH1064.15.160	Retractor for Small Fragments, with Broad Shank Long	2
REH1068.06S	Small Periosteal Elevator, with Straight Edge, 6 mm Width	1
<b>IMPLANTS</b>		
<b>Cortex Screws, Diameter 3.5 mm</b>		<b>Units (each size)</b>
713.10 - 713.28	10 mm - 28 mm (Increment of 2 mm)	4
713.32 - 713.40	32 mm - 40 mm (Increment of 4 mm)	4
<b>Cancellous Screws 3.5 mm, Fully Threaded</b>		<b>Units (each size)</b>
725.12 - 725.30	12 mm - 30 mm (Increment of 2 mm)	2
725.35 - 725.60	35 mm - 60 mm (Increment of 5 mm)	2
<b>Cancellous Screws 4.0 mm, Short Thread</b>		<b>Units (each size)</b>
723.12 - 723.30	12 mm - 30 mm (Increment of 2 mm)	2
723.35 - 723.50	35 mm - 50 mm (Increment of 5 mm)	2
759	Washer 4 mm	2
<b>One Third Tubular Plates</b>		
639.02	2 Holes	1
639.03	3 Holes	1
639.04	4 Holes	2
639.05	5 Holes	2
639.06	6 Holes	2
639.07	7 Holes	1
639.08	8 Holes	1
<b>Dynamic Compression Plates 3.5 mm</b>		
617.06	6 Holes	2
617.08	8 Holes	2
617.10	10 Holes	1
<b>T-plates with 3 Thead Holes 3.5 mm</b>		
643.03	3 Holes	1
643.04	4 Holes	1
<b>627 T-plates, Oblique Angled 3.5 mm</b>		
627.03L	3 Holes, Left	1
627.03R	4 Holes, Right	1
<b>PS911D</b>	<b>Kirschner Wires, 10 each 1.25/1.6/2.0 mm Dia, Length 150 mm</b>	<b>30</b>
<b>Screw Rack</b>		<b>1</b>
AGC1408	Aluminium Graphic Case	1



Straight Plate, 1.5 mm

Item Code: 673

- Thickness (T): 0.9 mm
- Width (W): 3.8 mm
- Hole Spacing (HS): 5 mm



Indications

- Diaphyseal fractures of phalanges
- Osteotomies and non-union of metacarpals and metatarsals

Features

- Low profile plate
- Minimal soft tissue irritation
- Can be bent according to the contour of bone
- Provides stable fixation
- Fixed with 1.5 mm cortex screws
- Available in both Titanium and Stainless Steel

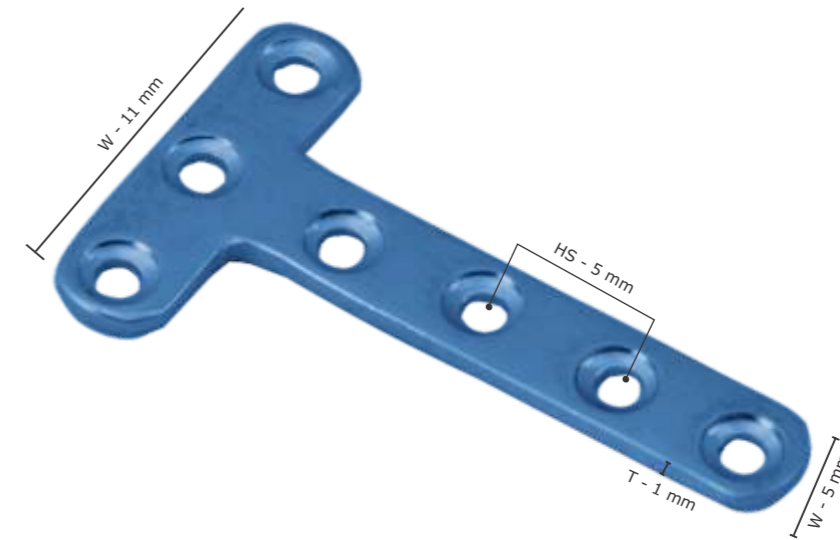
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	673.04	673.04T
6	673.06	673.06T
8	673.08	673.08T
10	673.10	673.10T
12	673.12	673.12T
14	673.14	673.14T
16	673.16	673.16T
18	673.18	673.18T
20	673.20	673.20T

T-Plate, 1.5 mm

Item Code: 675

- Thickness (T): 1 mm
- Width (W): 5 mm
- Hole Spacing (HS): 5 mm



Indications

- Periarticular fractures of the middle and proximal phalanx
- Osteotomies and nonunions of phalanges
- For fixation of head of radius

Features

- Head of the plate is fixed first in metaphysis and its shaft in the diaphysis
- T profile for additional fixation in phalanges
- Minimal soft tissue irritation
- Can be bent according to the contour of bone
- Provides rigid fixation in periarticular region
- Axial compression of the fracture fragments can be achieved by eccentric placement of the screws
- Fixed with 1.5 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
3	675.03	675.03T
4	675.04	675.04T
5	675.05	675.05T

H Plate, 1.5 mm

Item Code: 670



Indications

- Compression of transverse fractures of the phalanges
- For Y shaped metaphyseal fractures when extensive exposure is undesirable
- Reimplantation of transversely amputated fingers where extensive exposure is not desirable

Features

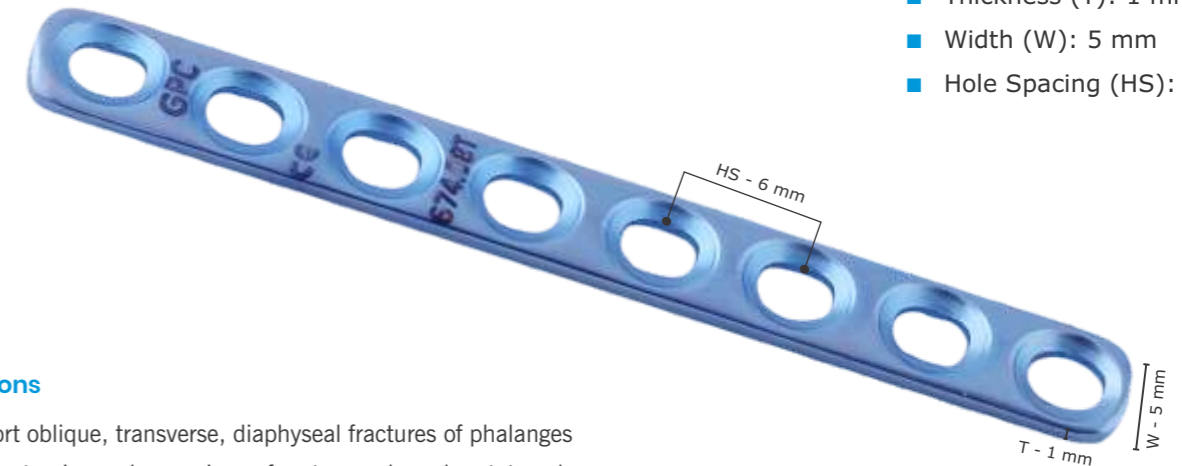
- Can be contoured to match bone anatomy
- Compression by eccentric placement of screws
- Available only in four holes
- 1.5 mm cortex screws are used for fixation
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	670.04	670.04T

Straight Plate, 2.0 mm

Item Code: 674



- Thickness (T): 1 mm
- Width (W): 5 mm
- Hole Spacing (HS): 6 mm

Indications

- Short oblique, transverse, diaphyseal fractures of phalanges
- Osteotomies and nonunions of metacarpals and metatarsals

Features

- Can be cut to desired length with special instruments
- Contouring of the plate to match the bone anatomy
- Minimal soft tissue irritation
- Allows axial compression of fracture fragment by eccentric placement of screws
- Fixed with 2.0 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	674.04	674.04T
6	674.06	674.06T
8	674.08	674.08T
10	674.10	674.10T
12	674.12	674.12T
14	674.14	674.14T
16	674.16	674.16T
18	674.18	674.18T
20	674.20	674.20T

Dynamic Self Compression Plate, 2.0 mm

Item Code: 615

- Thickness (T): 2 mm
- Width (W): 8 mm
- Hole Spacing (HS): 8 mm



Indications

- Osteotomies, non-unions of hand and foot
- Proximal phalanx and metacarpal fractures
- Metatarsal fractures
- Fusion of small bones

Features

- Low-profile plate
- Minimal soft tissue irritation
- Can be contoured to match bone anatomy
- Provides rigid fixation
- Fixed with 2.0 mm cortex screws
- Available in both Titanium and Stainless Steel

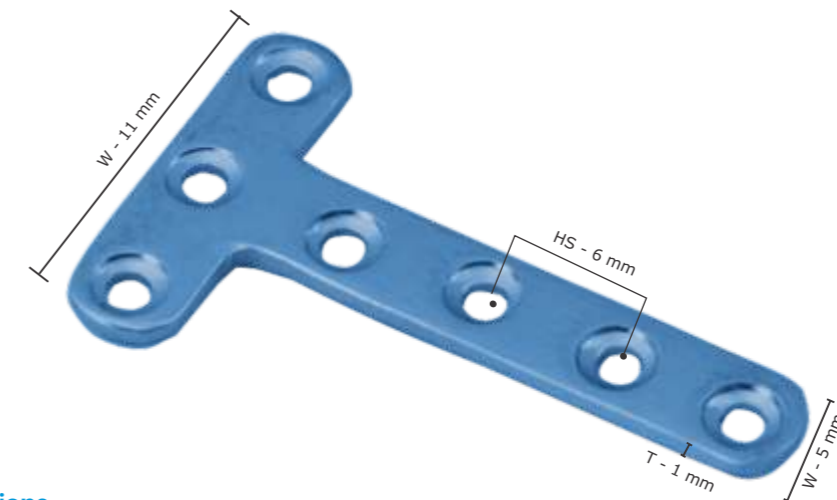
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
4	615.04	615.04T
5	615.05	615.05T
6	615.06	615.06T
7	615.07	615.07T
8	615.08	615.08T

T-Plate, 2.0 mm

Item Code: 676

- Thickness (T): 1 mm
- Width (W): 5 mm
- Hole Spacing (HS): 6 mm



Indications

- Periarticular fractures of the middle and proximal phalanx
- Osteotomies and nonunions of phalanges
- Reconstruction of phalanges and metacarpals

Features

- T profile for additional fixation in phalanges
- Minimal soft tissue irritation
- Can be bent according to the contour of bone
- Provides rigid fixation
- Fixed with 2.0 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
3	676.03	676.03T
4	676.04	676.04T
5	676.05	676.05T

L & T Plate, 2.0 mm



Item Code: 671

- Thickness (T): 1.20 mm
- Width (W): 5 mm
- Hole Spacing (HS): 6 mm

Indications

- Proximal third fracture of the metacarpals
- Phalangeal and metacarpal fixation
- Osteotomies and nonunions of phalanges and metacarpals

Features

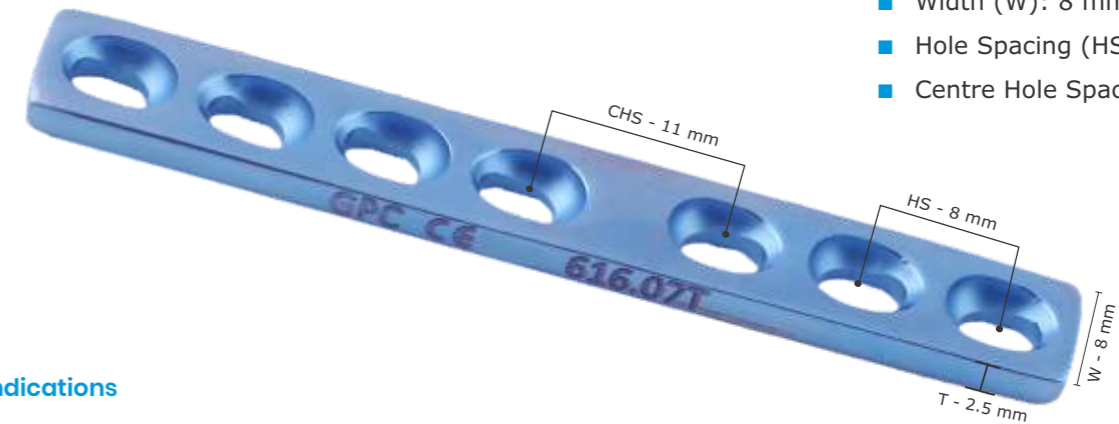
- Head of the plate is fixed first in the metaphysis and its shaft in the diaphysis
- Allows axial compression by eccentric placement of screws in the first shaft hole
- 2 holes in the head and 2 holes in shaft
- L and T profile provides additional fixation for head of metacarpals and phalanges
- Low profile plate
- Minimal soft tissue irritation
- Fixed with 2.0 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

Profile	Code	
	S.S.	Titanium
L-Left	671.31	671.31T
L-Right	671.32	671.32T
L-Oblique	671.33	671.33T
R-Oblique	671.34	671.34T
T-Shaped	671.41	671.41T

Dynamic Self Compression Plate, 2.7 mm

Item Code: 616



- Thickness (T): 2.5 mm
- Width (W): 8 mm
- Hole Spacing (HS): 8 mm
- Centre Hole Spacing (CHS): 11 mm

Indications

- Osteotomies, non-unions of hand, wrist, foot and ankle
- Proximal phalanx and metacarpal fractures
- Short oblique or transverse fractures of metacarpals and metatarsals
- Fusion of small bones and wrist

Features

- Low-profile plate
- Minimal soft tissue irritation
- Can be contoured to match bone anatomy
- Axial compression by one or more load screws
- Provides rigid fixation
- Fixed with 2.7 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
2	616.02	616.02T
3	616.03	616.03T
4	616.04	616.04T
5	616.05	616.05T
6	616.06	616.06T
7	616.07	616.07T
8	616.08	616.08T
9	616.09	616.09T
10	616.10	616.10T
12	616.12	616.12T

Reconstruction Plate, 2.7 mm

Item Code: 632

- Thickness (T): 3 mm
- Width (W): 8 mm
- Hole Spacing (HS): 8 mm



Indications

- Middle and proximal phalanx fractures
- Osteotomies and non-union of phalanges

Features

- Minimal soft tissue irritation
- Can be bent according to the contour of bone
- Provides rigid fixation
- Fixed with 2.7 mm cortex screws
- Available in both Titanium and Stainless Steel

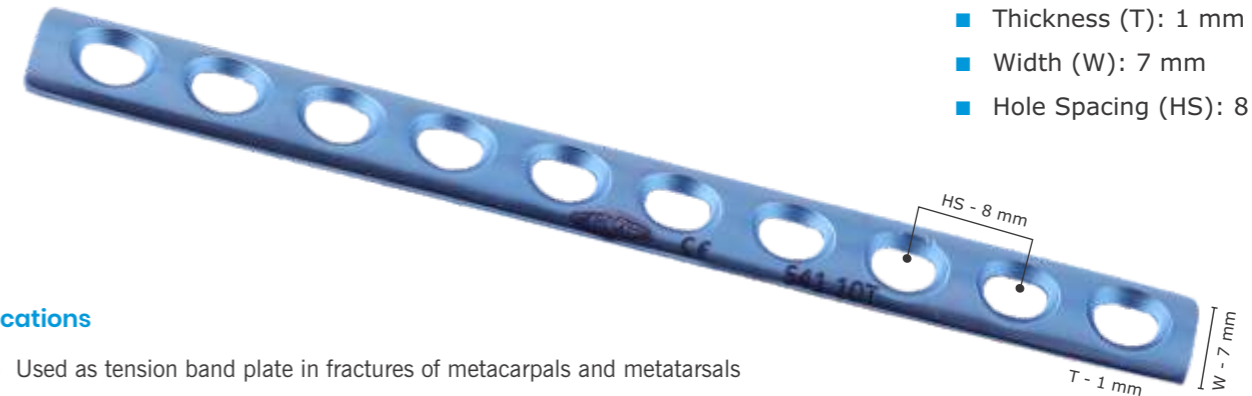
Sizes Available

No. of Holes	Code	
	S.S.	Titanium
5	632.05	632.05T
6	632.06	632.06T
8	632.08	632.08T
10	632.10	632.10T
12	632.12	632.12T
14	632.14	632.14T
16	632.16	632.16T
18	632.18	632.18T
20	632.20	632.20T
22	632.22	632.22T
24	632.24	632.24T

Quarter Tubular Plate, 2.7 mm

Item Code: 641

- Thickness (T): 1 mm
- Width (W): 7 mm
- Hole Spacing (HS): 8 mm



Indications

- Used as tension band plate in fractures of metacarpals and metatarsals
- Mainly applied as a neutralisation plate in lag screw fixation of spiral, or oblique, fractures of the metacarpal bones to protect against shearing and bending forces

Features

- Designed as one quarter of a tube
- Minimal soft tissue irritation
- Provides rigid fixation
- Fixed with 2.7 mm cortex screws
- Available in both Titanium and Stainless Steel

Sizes Available

No. of Holes	Code	
	S.S.	Titanium
3	641.03	641.03T
4	641.04	641.04T
5	641.05	641.05T
6	641.06	641.06T
7	641.07	641.07T
8	641.08	641.08T
9	641.09	641.09T
10	641.10	641.10T



**L & T Plate, 2.7 mm**

**Item Code: 672**

- Width (W): 7 mm
- Hole Spacing (HS): 8 mm



**Indications**

- Oblique or transverse fractures of metacarpals and metatarsals
- Osteotomies and nonunions of metacarpals and metatarsals

**Features**

- 2 holes in the head and 3 holes in shaft
- L and T profile provides additional fixation for head of metacarpals and metatarsals
- Allows compression of fracture fragment by eccentric placement of screws
- Low profile
- Can be contoured to the anatomy of the bone
- Minimal soft tissue irritation
- Fixed with 2.7 mm cortex screws
- Available in both Titanium and Stainless Steel

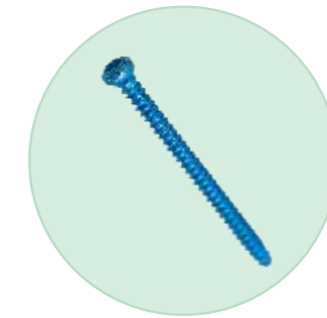
**Sizes Available**

Profile	Code	
	S.S.	Titanium
L-Left	672.31	672.31T
L-Right	672.32	672.32T
L-Oblique	672.33	672.33T
R-Oblique	672.34	672.34T
T-Shaped	672.41	672.41T

**Cortex Screw 2.7 mm, Hexagonal Socket**

**(Item Code: 714)**

Thread dia.	2.7 mm
Head dia.	5.0 mm
Core dia.	1.9 mm
Lengths	6 – 70 mm (2 mm Diff)
Drill bit used	2.0 mm



**Self-Tapping Cortex Screw 2.7 mm, Hexagonal Socket**

**(Item Code: 709)**

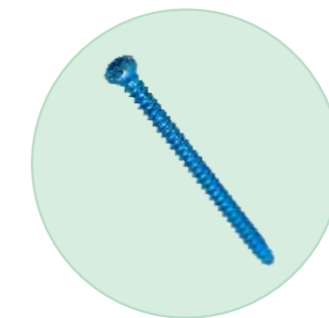


Thread dia.	2.7 mm
Head dia.	5.0 mm
Core dia.	1.9 mm
Lengths	6 – 40 mm (2 mm Diff)
Drill bit used	2.0 mm

**Cortex Screw 2.4 mm, Hexagonal Socket**

**(Item Code: 715)**

Thread dia.	4.4 mm
Head dia.	3.5 mm
Core dia.	1.7 mm
Lengths	6 – 40 mm (2 mm Diff)
Drill bit used	2.0 mm



**Self-Tapping Cortex Screw 2.4 mm, Hexagonal Socket**

**(Item Code: 708)**



Thread dia.	2.4 mm
Head dia.	3.5 mm
Core dia.	1.7 mm
Lengths	6 – 40 mm (2 mm Diff)
Drill bit used	2.0 mm

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cortex Screw 2.0 mm, Hexagonal Socket**

(Item Code: 716)



Thread dia.	2.0 mm
Head dia.	3.5 mm
Core dia.	1.3 mm
Lengths	6 – 40 mm (2 mm Diff)
Drill bit used	1.5 mm

**Self-Tapping Cortex Screw 2.0 mm, Hexagonal Socket**

(Item Code: 707)

Thread dia.	2.0 mm
Head dia.	3.5 mm
Core dia.	1.3 mm
Lengths	6 – 40 mm (2 mm Diff)
Drill bit used	1.5 mm



**Cortex Screw 1.5 mm, Hexagonal Socket**

(Item Code: 717)



Thread dia.	1.5 mm
Head dia.	3.0 mm
Core dia.	1.0 mm
Lengths	6 – 30 mm (2 mm Diff)
Drill bit used	1.1 mm

**Self-Tapping Cortex Screw 1.5 mm, Hexagonal Socket**

(Item Code: 706)

Thread dia.	1.5 mm
Head dia.	3.0 mm
Core dia.	1.0 mm
Lengths	6 – 30 mm (2 mm Diff)
Drill bit used	1.1 mm



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cannulated Cancellous Screws**

**Indications**

Cannulated Cancellous Screw system is intended for fixation of fractures, fusions and osteotomies of large, medium and small bones.

Size 4.0 mm are used for fixation of

- Tarsal and metatarsal fractures and fixation in metatarsal and phalangeal osteotomies
- Ligament fixations
- Bunion corrections

Size 4.5 mm are used for fixation of

- Malleolar fractures
- Pilon tibial fractures
- Fractures of the calcaneus and talus
- Tibial plateau fractures
- Carpal and tarsal fusion

Size 6.5 mm, 7.0 mm and 7.3 mm are used for fixation of

- Femoral neck fractures
- Intercondylar femoral fractures
- Ankle fusion
- Iliosacral dislocations

**Cannulated Cancellous Screw 7.0 mm, Hexagonal Socket**

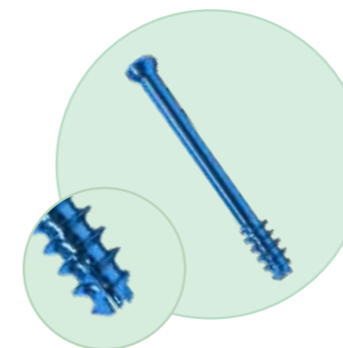
(Item Code: 727)

Thread Dia	7.0 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	16 mm threaded



**Self-Drilling, Cannulated Cancellous Screw 7.0 mm, Hexagonal Socket**

(Item Code: 727SD)



Thread Dia	7.0 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	16 mm threaded

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cannulated Cancellous Screw 7.0 mm, Hexagonal Socket**

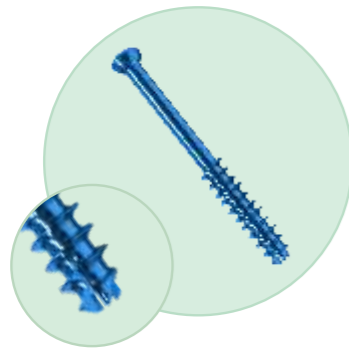
(Item Code: 728)

Thread Dia	7.0 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	32 mm threaded



**Self-Drilling, Cannulated Cancellous Screw 7.0 mm, Hexagonal Socket**

(Item Code: 728SD)



Thread Dia	7.0 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	32 mm threaded

**Cannulated Cancellous Screw 7.0 mm, Hexagonal Socket**

(Item Code: 738)

Thread Dia	7.0 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	Fully threaded

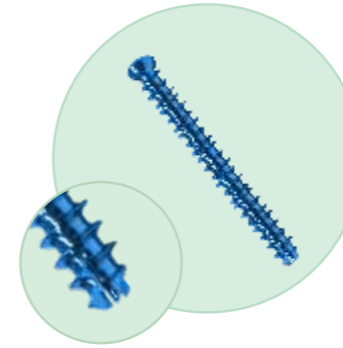


All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Self-Drilling, Cannulated Cancellous Screw 7.0 mm, Hexagonal Socket**

(Item Code: 738SD)

Thread Dia	7.0 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	Fully threaded



**Cannulated Cancellous Screw 4.0 mm, Hexagonal Socket**

(Item Code: 729)

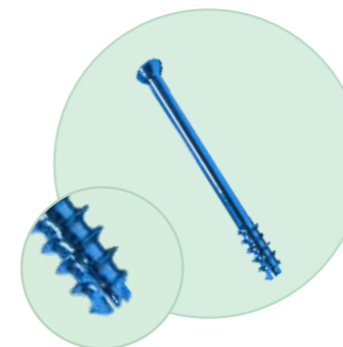
Thread Dia	4.0 mm
Head Dia	6.0 mm
Core Dia	2.5 mm
Lengths	10-60 mm
Guide wire used	0.9 mm
Cannulated Drill Bit	2.7 mm
Thread Length	Short threaded



**Self-Drilling, Cannulated Cancellous Screw 4.0 mm, Hexagonal Socket**

(Item Code: 729SD)

Thread Dia	4.0 mm
Head Dia	6.0 mm
Core Dia	2.5 mm
Lengths	10-60 mm
Guide wire used	0.9 mm
Cannulated Drill Bit	2.7mm
Thread Length	Short threaded



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cannulated Cancellous Screw 4.0 mm, Hexagonal Socket**

(Item Code: 730)

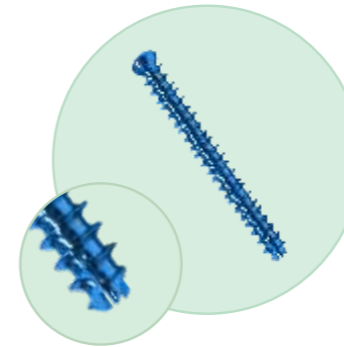
Thread Dia	4.0 mm
Head Dia	6.0 mm
Core Dia	2.5 mm
Lengths	10-60 mm
Guide wire used	0.9 mm
Cannulated Drill Bit	2.7 mm
Thread Length	Fully threaded



**Self-Drilling, Cannulated Cancellous Screw 4.5 mm, Hexagonal Socket**

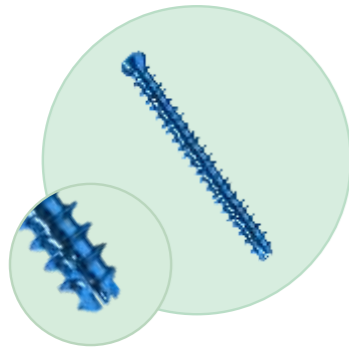
(Item Code: 731SD)

Thread Dia	4.5 mm
Head Dia	6.0 mm
Core Dia	3.0 mm
Lengths	20-75 mm
Guide wire used	1.2 mm
Cannulated Drill Bit	3.2 mm
Thread Length	Fully threaded



**Self-Drilling, Cannulated Cancellous Screw 4.0 mm, Hexagonal Socket**

(Item Code: 730SD)



Thread Dia	4.0 mm
Head Dia	6.0 mm
Core Dia	2.5 mm
Lengths	10-60 mm
Guide wire used	0.9 mm
Cannulated Drill Bit	2.7 mm
Thread Length	Fully threaded

**Cannulated Cancellous Screw 4.5 mm, Hexagonal Socket**

(Item Code: 732)

Thread Dia	4.5 mm
Head Dia	6.0 mm
Core Dia	3.0 mm
Lengths	20-75 mm
Guide wire used	1.2 mm
Cannulated Drill Bit	3.2 mm
Thread Length	Short threaded



**Cannulated Cancellous Screw 4.5 mm, Hexagonal Socket**

(Item Code: 731)

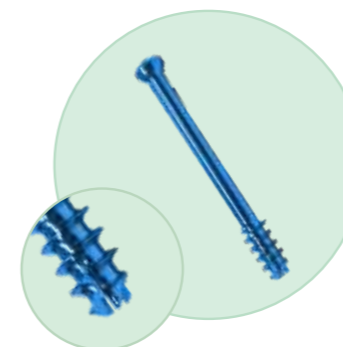
Thread Dia	4.5 mm
Head Dia	6.0 mm
Core Dia	3.0 mm
Lengths	20-75 mm
Guide wire used	1.2 mm
Cannulated Drill Bit	3.2 mm
Thread Length	Fully threaded



**Self-Drilling, Cannulated Cancellous Screw 4.5 mm, Hexagonal Socket**

(Item Code: 732SD)

Thread Dia	4.5 mm
Head Dia	6.0 mm
Core Dia	3.0 mm
Lengths	20-75 mm
Guide wire used	1.2 mm
Cannulated Drill Bit	3.2 mm
Thread Length	Short threaded



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cannulated Cancellous Screw 7.3 mm, Hexagonal Socket**

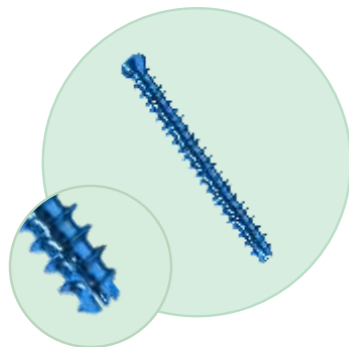
(Item Code: 742)

Thread Dia	7.3 mm
Head Dia	8.0 mm
Core Dia	5.0 mm
Lengths	50-130 mm
Guide wire used	2.0 mm
Cannulated Drill Bit	5.0 mm
Thread Length	Fully threaded



**Self-Drilling, Cannulated Cancellous Screw 7.3 mm, Hexagonal Socket**

(Item Code: 742SD)



Thread Dia	7.3 mm
Head Dia	8.0 mm
Core Dia	5.0 mm
Lengths	50-130 mm
Guide wire used	2.0 mm
Cannulated Drill Bit	5.0 mm
Thread Length	Fully threaded

**Cannulated Cancellous Screw 7.3 mm, Hexagonal Socket**

(Item Code: 743)

Thread Dia	7.3 mm
Head Dia	8.0 mm
Core Dia	5.0 mm
Lengths	50-130 mm
Guide wire used	2.0 mm
Cannulated Drill Bit	5.0 mm
Thread Length	32 mm threaded

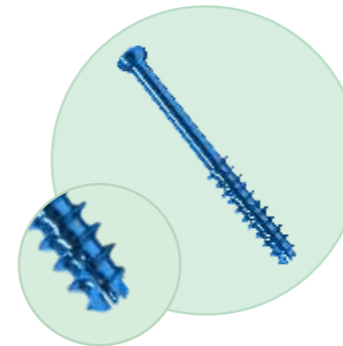


All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Self-Drilling, Cannulated Cancellous Screw 7.3 mm, Hexagonal Socket**

(Item Code: 743SD)

Thread Dia	7.3 mm
Head Dia	8.0 mm
Core Dia	5.0 mm
Lengths	50-130 mm
Guide wire used	2.0 mm
Cannulated Drill Bit	5.0 mm
Thread Length	32 mm threaded



**Cannulated Cancellous Screw 7.3 mm, Hexagonal Socket**

(Item Code: 744)

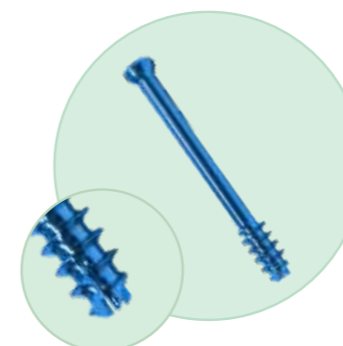
Thread Dia	7.3 mm
Head Dia	8.0 mm
Core Dia	5.0 mm
Lengths	50-130 mm
Guide wire used	2.0 mm
Cannulated Drill Bit	5.0 mm
Thread Length	16 mm threaded



**Self-Drilling, Cannulated Cancellous Screw 7.3 mm, Hexagonal Socket**

(Item Code: 744SD)

Thread Dia	7.3 mm
Head Dia	8.0 mm
Core Dia	5.0 mm
Lengths	50-130 mm
Guide wire used	2.0 mm
Cannulated Drill Bit	5.0 mm
Thread Length	16 mm threaded



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.



**Cannulated Cancellous Screw 6.5 mm, Hexagonal Socket**

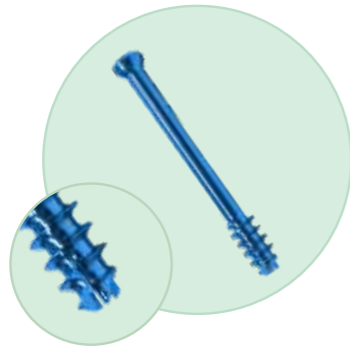
(Item Code: 1002)

Thread Dia	6.5 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	16 mm threaded



**Self-Drilling, Cannulated Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 1002SD)



Thread Dia	6.5 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	16 mm threaded

**Cannulated Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 1003)

Thread Dia	6.5 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	32 mm threaded

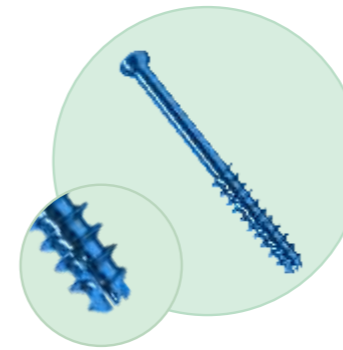


All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Self-Drilling, Cannulated Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 1003SD)

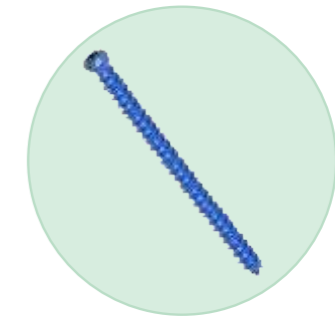
Thread Dia	6.5 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	32 mm threaded



**Cannulated Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 1004)

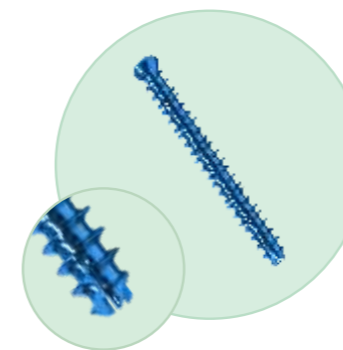
Thread Dia	6.5 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	Fully threaded



**Self-Drilling, Cannulated Cancellous Screw 6.5 mm, Hexagonal Socket**

(Item Code: 1004SD)

Thread Dia	6.5 mm
Head Dia	8.0 mm
Core Dia	4.5 mm
Lengths	50-130 mm
Guide wire used	1.8 mm
Cannulated Drill Bit	4.5 mm
Thread Length	Fully threaded



All the screws are available in stainless steel & titanium.  
For Titanium, please affix 'T' after code number.

**Cannulated Cancellous Screw Instrument Set**



GOS1415	Cannulated Screw Instrument Set 4.0 mm	Quantity
PS918.12.150	Threaded Guide wire, 1.2 mmx150 mm	6
DGCC.40	Depth Gauge	1
SCC.4012	Sleeve for Guide Wire dia 1.2 mm	1
SCC.4027	Sleeve for Drill Bit dia 2.7 mm	1
IBSC784.27	Cannulated Drill Bit dia 2.7 mm x150 mm	1
IBSC780.40	Cannulated Tap Dia 4.0 mm	1
IBS700.40	Cannulated Countersink	1
ILBS751.25	Cannulated Screwdriver Hex dia 2.5mm	1
IBS786.25	Screwdriver with Holding Sleeve	1
ILBS747.25	Screwdriver Hex dia 2.5 mm	1
CP.40	Cleaning Pin dia 1.2 mm x 150 mm	1
AGC.1415	Aluminium Graphic Case	1

GOS1416	Cannulated Screw Instrument Set 4.5 mm	Quantity
PS918.12.150	Threaded Guide wire, 1.2 mmx150 mm	6
DGCC.45	Depth Gauge	1
SCC.4012	Sleeve for Guide Wire dia 1.2 mm	1
SCC.4032	Sleeve for Drill Bit dia 3.2 mm	1
IBSC784.32	Cannulated Drill Bit dia 3.2 mm x150 mm	1
IBSC780.45	Cannulated Tap Dia 4.5 mm	1
IBS700.45	Cannulated Countersink	1
ILBS751.25	Cannulated Screwdriver Hex dia 2.5mm	1
IBS786.25	Screwdriver with Holding Sleeve	1
ILBS747.25	Screwdriver Hex dia 2.5 mm	1
CP.45	Cleaning Pin dia 1.2 mm x 150 mm	1
AGC.1416	Aluminium Graphic Case	1

GOS1414	Cannulated Screw Instrument Set 7.0 mm	Quantity
PS918.18.150	Threaded Guide wire, 1.8 mmx150 mm	6
DGCC.70	Depth Gauge	1
IBS788.70	Parallel drill guide	1
IBSC784.45	Cannulated Drill Bit dia 4.5 mm x150 mm	1
IBSC780.70	Cannulated Tap Dia 7.0 mm	1
IBS700.70	Cannulated Countersink	1
ILBS751.35	Cannulated Screwdriver Hex dia 3.5mm	1
ILBS747.35	Screwdriver Hex dia 3.5 mm	1
CP.70	Cleaning Pin	1
AGC.1414	Aluminium Graphic Case	1

GOS1416A	Cannulated Screw Instrument Set 7.3 mm	Quantity
PS918.25.150	Threaded Guide wire, 2.0 mmx150 mm	6
DGCC.73	Depth Gauge	1
IBS788.73	Parallel drill guide	1
IBSC784.50	Cannulated Drill Bit dia 5.0 mm x150 mm	1
IBSC780.73	Cannulated Tap Dia 7.3 mm	1
IBS700.73	Cannulated Countersink	1
ILBS751.40	Cannulated Screwdriver Hex dia 4.0mm	1
ILBS747.40	Screwdriver Hex dia 4.0 mm	1
CP.73	Cleaning Pin	1
AGC.1416A	Aluminium Graphic Case	1

**Cannulated Herbert Screws**

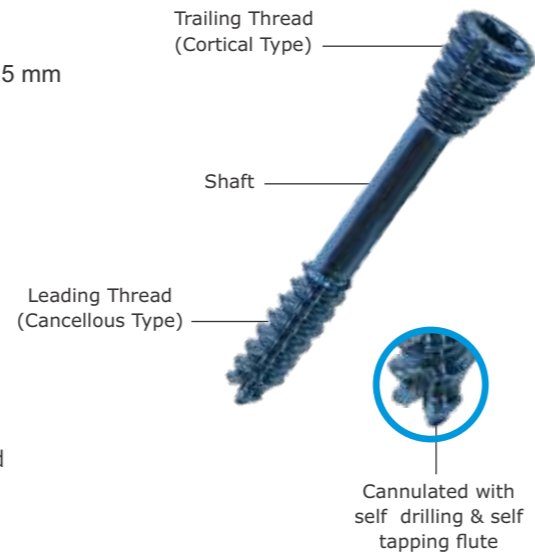
**Indications**

For small screws size 2.0 mm, 2.4 mm, 2.7 mm, 3.0 mm and 3.5 mm

- Fractures and non unions of small bones
- Scaphoid fractures
- Intraarticular fractures of the tarsals
- Metatarsal, carpal and metacarpal fractures
- Fractures of patella, ulna and radial styloid
- Arthrodesis of small joints

For large screws size 4.5 mm and 6.5 mm :

- Reconstruction osteotomy and arthrodesis of various bones and bone fragments of various bones and bone fragments including arthrodesis in the foot
- Fixation of Intra-articular fractures of the humerus, femur and tibia



Screw Size	2.0 mm	2.4 mm	2.7 mm	3.0 mm	3.5 mm	4.5 mm	6.5 mm
Leading Thread (Shaft Thread)	2.0 mm	2.4 mm	2.7 mm	3.0 mm	3.5 mm	4.5 mm	6.5 mm
Trailing Thread (Head Thread)	3.0 mm	3.3 mm	4.0 mm	3.5 mm	4.0 mm	5.0 mm	7.5 mm
Shaft Diameter	1.6 mm	1.8 mm	1.9 mm	2.0 mm	2.7 mm	3.0 mm	4.8 mm
Guide Wire Diameter	0.9 mm	0.9 mm	0.9 mm	1.2 mm	1.2 mm	1.2 mm	2.8 mm
Leading Thread Size	Approximate 20 % of total length in short thread and 40 % of total length in Long thread	Approximate 20 % of total length in short thread and 40 % of total length in Long thread	Approximate 20 % of total length in short thread and 40 % of total length in Long thread	Approximate 20 % of total length in short thread and 40 % of total length in Long thread	Approximate 20 % of total length in short thread and 40 % of total length in Long thread	Approximate 20 % of total length in short thread and 40 % of total length in Long thread	Thread Length 16 mm and 32 mm
Drive	T7 Star Drive	T7 Star Drive	T10 Star Drive	T10 Star Drive	T10 Star Drive	T15 Star Drive	4.0mm Hex
Lengths Available	6-30 mm	6-30 mm	6-40 mm	10-40 mm (Short Thread), 16-40 mm (Long thread)	10-40 mm (Short Thread), 16-40 mm (Long thread)	Short Thread: Total Length 20-110 mm, Long Thread: Total Length 30-110 mm,	16mm Thread: Total length 30-150 mm, 32 mm thread 45-150 mm
Item Code	A701	A702	A703	A704	A705	A706	A707

**Cannulated Herbert Screw Instrument Set**



HS1434.65	6.5 mm Herbert Screw Instrument Set	Quantity
HS1232.65	Herbert Jig for 6.5 mm screw	1
HS1234.65	Cannulated Tap for 6.5 mm screw	1
ILBS751.65	Cannulated Screw Driver for 6.5 mm screw	1
HS1236.65	Cannulated Drill Bit for 6.5 mm Herbert Screw	1
PS918.28	Guide Wire 2.8 mm	3
AGC1434.65	Aluminium Graphic Case	1

HS1434.45	4.5 mm Herbert Screw Instrument Set	Quantity
HS1232.45	Herbert Jig for 4.5 mm screw	1
HS1234.45	Cannulated Tap for 4.5 mm screw	1
ILBS751.45	Cannulated Screw Driver for 4.5 mm screw	1
HS1236.45	Cannulated Drill Bit for 4.5 mm Herbert Screw	1
PS918.12	Guide Wire 1.2 mm	3
AGC1434.45	Aluminium Graphic Case	1

HS1434.35	3.5 mm Herbert Screw Instrument Set	Quantity
HS1232.65	Herbert Jig for 3.5 mm screw	1
HS1234.65	Cannulated Tap for 3.5 mm screw	1
ILBS751.65	Cannulated Screw Driver for 3.5 mm screw	1
HS1236.65	Cannulated Drill Bit for 3.5 mm Herbert Screw	1
PS918.28	Guide Wire 0.9 mm	3
AGC1434.65	Aluminium Graphic Case	1

# intraHEAL

The Intramedullary Nailing System



ISO  
13485

US FDA  
510 (k)



Strength

Stability

Support

**intraHEAL INTERLOCKING SYSTEM**

Femur	Reamed Femoral Nail .....	3/1
	Unreamed Femoral Nail .....	3/3
	Multi Angle Femoral Nail .....	3/7
	Proximal Hip Stabilizing Nail .....	3/11
	Proximal Hip Stabilizing Nail, Long .....	3/13
	Proximal Femoral Nail .....	3/17
	Proximal Femoral Nail, Long .....	3/19
	Proximal Femoral Nail, Adv. ....	3/23
	Supra Condylar Nail .....	3/27
Tibia	Reamed Tibial Nail .....	3/31
	Unreamed Tibial Nail .....	3/33
	Reamed Tibial Nail with Distal Tip .....	3/35
	Multi Angle Tibial Nail .....	3/39
Humerus	Reamed Humeral Nail .....	3/43
	Unreamed Humeral Nail .....	3/45
	Reamed Humeral Nail, Omni .....	3/49
	Unreamed Humeral Nail, Omni .....	3/51

**intraHEAL NON-INTERLOCKING SYSTEM**

K-Nail .....	3/53
Ender's Nail .....	3/57
Titanium Elastic Nail .....	3/59



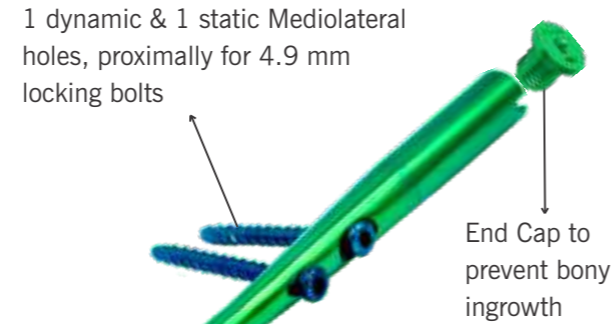
intraHEAL Reamed Femoral Nail

Item Code: ILF09-14

Indications

It is typically used for diaphyseal shaft fracture of the femur:

- Multi-fragment fractures
- Segmental fractures
- Nonunion/ Malunion shaft femur
- Pseudarthrosis
- Corrective osteotomies
- Pathologic and impending pathologic fractures
- Tumor resections
- Comminuted fractures with or without bone loss



2 Mediolateral distal holes for 4.9 mm locking bolts



Features

- Superior biomechanical intramedullary stabilization of femoral fracture
- Static and dynamic locking options
- Cannulated nail enables guide wire controlled insertion
- Cannulated implant inserted after reaming helps in reducing the hoop stress formation with reduced chances of bone splinter
- Final reaming should be 1 mm – 1.5 mm larger than the diameter of the nail to be used as decided by prior templating
- Stability is increased with the reamed technique, because the nail fits snugly in a longer portion of the femoral shaft
- Straight nail without anterior bow gives 3-point fixation stability
- Universal nail for right & left femur
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.					
	9	10	11	12	13	14
300	ILF09.30	ILF10.30	ILF11.30	ILF12.30	ILF13.30	ILF14.30
310	ILF09.31	ILF10.31	ILF11.31	ILF12.31	ILF13.31	ILF14.31
320	ILF09.32	ILF10.32	ILF11.32	ILF12.32	ILF13.32	ILF14.32
330	ILF09.33	ILF10.33	ILF11.33	ILF12.33	ILF13.33	ILF14.33
340	ILF09.34	ILF10.34	ILF11.34	ILF12.34	ILF13.34	ILF14.34
350	ILF09.35	ILF10.35	ILF11.35	ILF12.35	ILF13.35	ILF14.35
360	ILF09.36	ILF10.36	ILF11.36	ILF12.36	ILF13.36	ILF14.36
370	ILF09.37	ILF10.37	ILF11.37	ILF12.37	ILF13.37	ILF14.37
380	ILF09.38	ILF10.38	ILF11.38	ILF12.38	ILF13.38	ILF14.38
390	ILF09.39	ILF10.39	ILF11.39	ILF12.39	ILF13.39	ILF14.39
400	ILF09.40	ILF10.40	ILF11.40	ILF12.40	ILF13.40	ILF14.40
410	ILF09.41	ILF10.41	ILF11.41	ILF12.41	ILF13.41	ILF14.41
420	ILF09.42	ILF10.42	ILF11.42	ILF12.42	ILF13.42	ILF14.42
430	ILF09.43	ILF10.43	ILF11.43	ILF12.43	ILF13.43	ILF14.43
440	ILF09.44	ILF10.44	ILF11.44	ILF12.44	ILF13.44	ILF14.44
450	ILF09.45	ILF10.45	ILF11.45	ILF12.45	ILF13.45	ILF14.45
460	ILF09.46	ILF10.46	ILF11.46	ILF12.46	ILF13.46	ILF14.46
470	ILF09.47	ILF10.47	ILF11.47	ILF12.47	ILF13.47	ILF14.47
480	ILF09.48	ILF10.48	ILF11.48	ILF12.48	ILF13.48	ILF14.48

For Titanium, please affix 'T' after above code number.



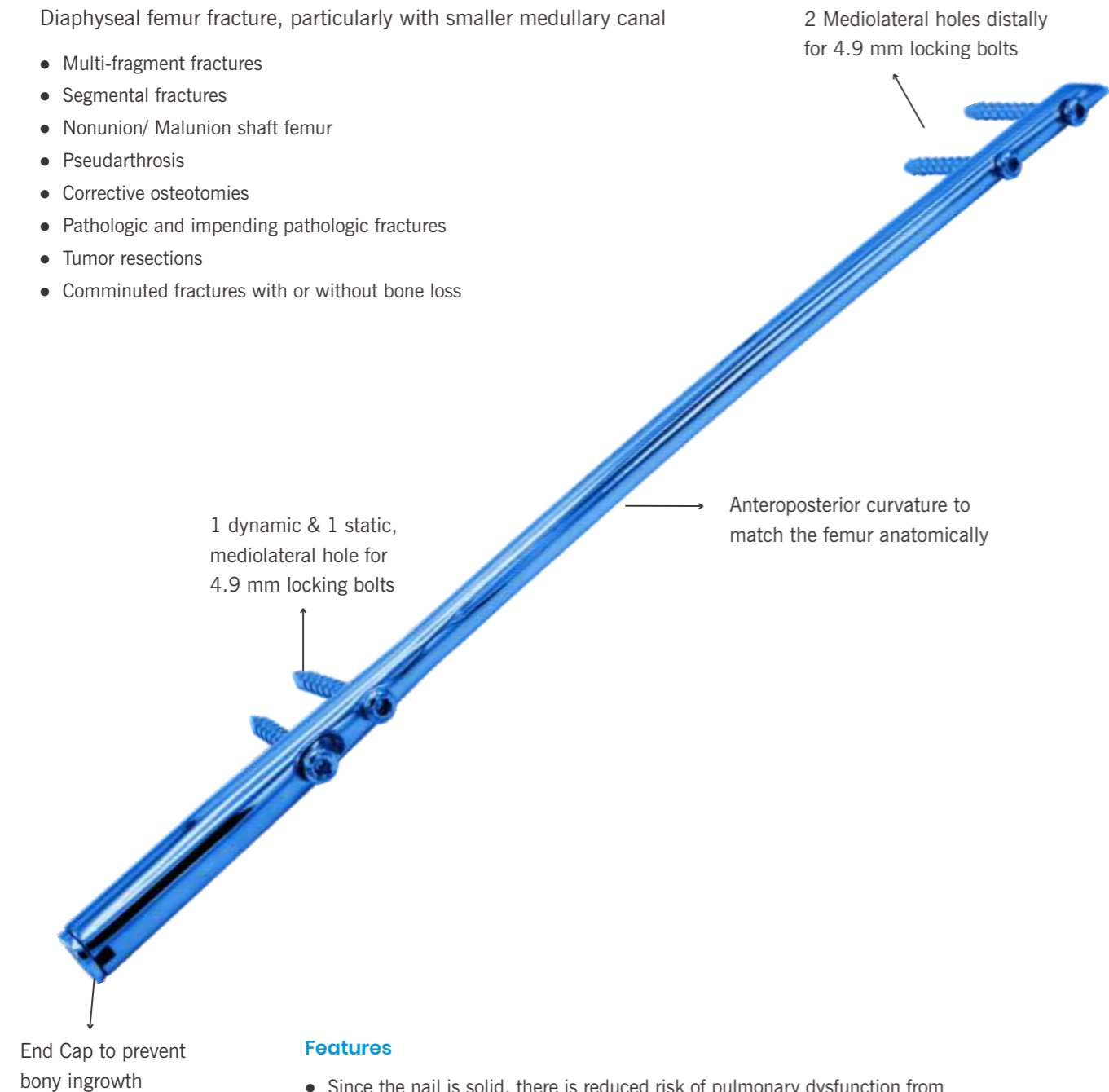
intraHEAL Unreamed Femoral Nail

Indications

Diaphyseal femur fracture, particularly with smaller medullary canal

- Multi-fragment fractures
- Segmental fractures
- Nonunion/ Malunion shaft femur
- Pseudarthrosis
- Corrective osteotomies
- Pathologic and impending pathologic fractures
- Tumor resections
- Comminuted fractures with or without bone loss

Item Code: UFN09-14



Features

- Since the nail is solid, there is reduced risk of pulmonary dysfunction from embolized medullary debris
- Static and dynamic locking options
- No disruption of medullary blood supply
- Decreased dead space reduces the risk of infection
- Anterior bow of the femur is matched by the curvature of the nail
- Universal nail for right or left femur
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.					
	9	10	11	12	13	14
300	UFN09.30	UFN10.30	UFN11.30	UFN12.30	UFN13.30	UFN14.30
310	UFN09.31	UFN10.31	UFN11.31	UFN12.31	UFN13.31	UFN14.31
320	UFN09.32	UFN10.32	UFN11.32	UFN12.32	UFN13.32	UFN14.32
330	UFN09.33	UFN10.33	UFN11.33	UFN12.33	UFN13.33	UFN14.33
340	UFN09.34	UFN10.34	UFN11.34	UFN12.34	UFN13.34	UFN14.34
350	UFN09.35	UFN10.35	UFN11.35	UFN12.35	UFN13.35	UFN14.35
360	UFN09.36	UFN10.36	UFN11.36	UFN12.36	UFN13.36	UFN14.36
370	UFN09.37	UFN10.37	UFN11.37	UFN12.37	UFN13.37	UFN14.37
380	UFN09.38	UFN10.38	UFN11.38	UFN12.38	UFN13.38	UFN14.38
390	UFN09.39	UFN10.39	UFN11.39	UFN12.39	UFN13.39	UFN14.39
400	UFN09.40	UFN10.40	UFN11.40	UFN12.40	UFN13.40	UFN14.40
410	UFN09.41	UFN10.41	UFN11.41	UFN12.41	UFN13.41	UFN14.41
420	UFN09.42	UFN10.42	UFN11.42	UFN12.42	UFN13.42	UFN14.42
430	UFN09.43	UFN10.43	UFN11.43	UFN12.43	UFN13.43	UFN14.43
440	UFN09.44	UFN10.44	UFN11.44	UFN12.44	UFN13.44	UFN14.44
450	UFN09.45	UFN10.45	UFN11.45	UFN12.45	UFN13.45	UFN14.45
460	UFN09.46	UFN10.46	UFN11.46	UFN12.46	UFN13.46	UFN14.46
470	UFN09.47	UFN10.47	UFN11.47	UFN12.47	UFN13.47	UFN14.47
480	UFN09.48	UFN10.48	UFN11.48	UFN12.48	UFN13.48	UFN14.48

For Titanium, please affix 'T' after above code number.



**Locking Bolt, 4.9 mm (Proximal & Distal Locking)**  
(Item Code: ILB49)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB39.20 - ILB39.60	ILB39.20T - ILB39.60T



**End Cap for Femoral Nail**  
(Item Code: ECTF51)

Stainless Steel	Titanium
ECTF51	ECTF51T

**Instrument Set for intraHEAL Femoral Nail, Reamed & Unreamed**

(Item Code: GOS1420)



GOS1420	Content	Quantity
GOS1420.01	Curved Bone Awl	1
GOS1420.02	Guide Wire Holding Forceps	1
GOS1420.03	Tissue Protector	1
GOS1420.04	Proximal Jig for Tibial/Femur	1
GOS1420.05	Universal Insertion Bolt	1
GOS1420.06	Driving Head	1
GOS1420.07	Ram	1
GOS1420.08	Ram Guide Rod	1
GOS1420.09	Wrench	1
GOS1420.10	Protection Sleeve	1
GOS1420.11	Pointer	1
GOS1420.12	Drill Sleeve 4.0 mm	1
GOS1420.13	Drill Bit 4.2 mm	2
GOS1420.14	Screw Driver 4.5 mm	1
GOS1420.15	Depth Gauge	1
GOS1420.16	Medullary Tube	1
GOS1420.17	T-Handle Chuck	1
GOS1420.18	Aiming Arm	1
GOS1420.19	Wheel for Aiming Arm	1
GOS1420.20	Flexible Reamer with Fixed Head 8 mm	2
GOS1420.21	Flexible Reaming Shaft with detachable head	1
GOS1420.22	Reaming Heads 9, 10, 11, 12, 13 mm (1 pc each)	5
GOS1420.23	Distal Jig for Tibia Nail	1
GOS1420.24	Distal Jig for Femur Nail	1
GOS1420.25	Ruler	1
AGC1420	Aluminium Casing with Graphic Trays	1

intraHEAL Multi Angle Femoral Nail

Item Code: MLFN09-12

Indications

- Femur shaft fractures, in which standard locking is done
- Combination of femoral shaft fractures with the femoral neck fractures, in which recon locking is done
- Subtrochanteric fractures, in which also recon locking is done

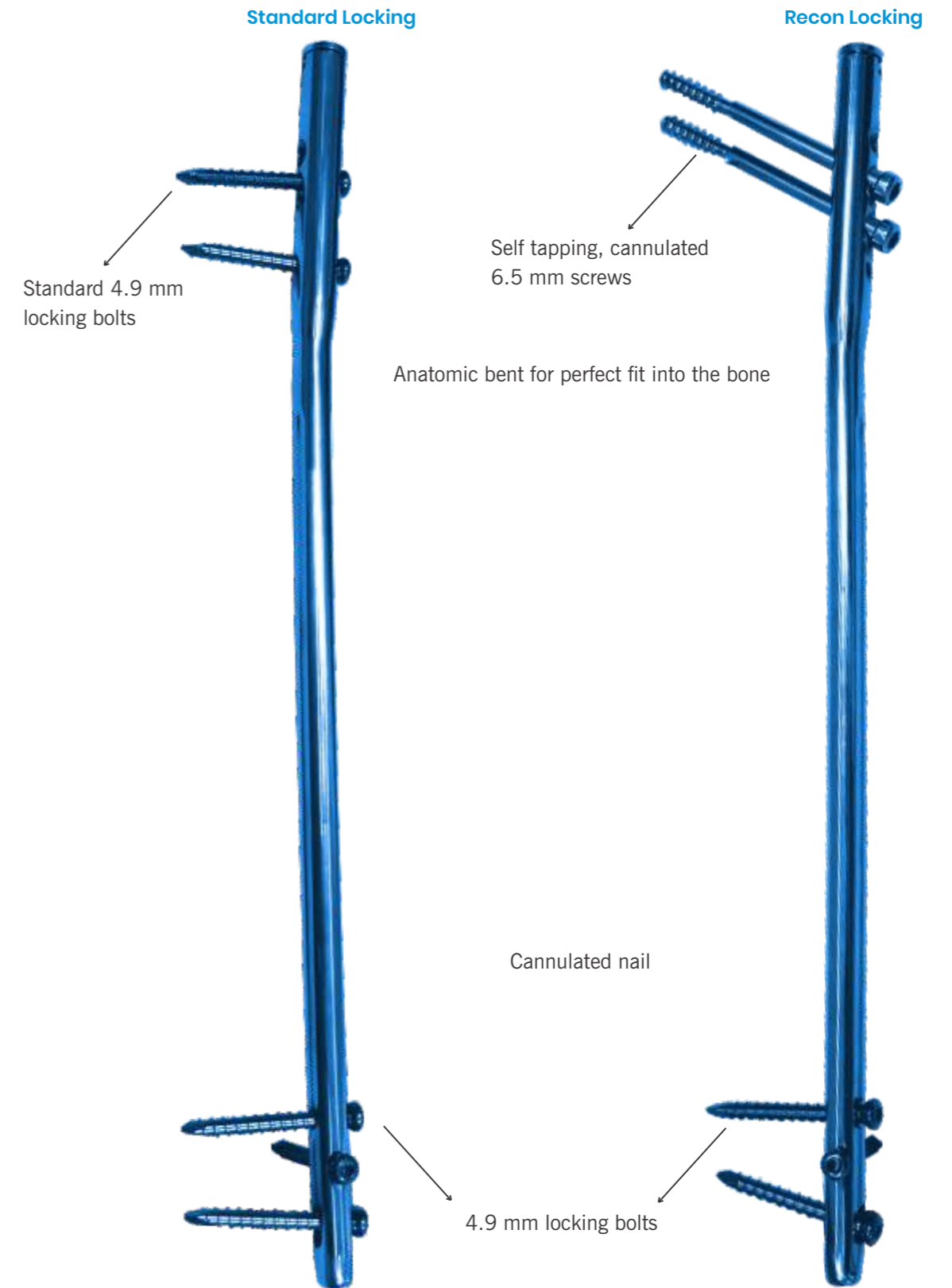
Features

- Single nail for the shaft & the femur neck fracture, with choice for locking
- Advanced nail design with anatomic bent for perfect fit into the bone
- Cannulated nail for ease of insertion & removal
- Optimal lateral entry point, causing less soft tissue damage thus lower chances of avascular necrosis
- Multiple locking options thus improved mechanical resistance
- Separate nails for right & left femur
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S. (Left)				Code for Dia. (mm) S.S. (Right)			
	9	10	11	12	9	10	11	12
280	MLFN09.28L	MLFN10.28L	MLFN11.28L	MLFN12.28L	MLFN09.28R	MLFN10.28R	MLFN11.28R	MLFN12.28R
300	MLFN09.30L	MLFN10.30L	MLFN11.30L	MLFN12.30L	MLFN09.30R	MLFN10.30R	MLFN11.30R	MLFN12.30R
320	MLFN09.32L	MLFN10.32L	MLFN11.32L	MLFN12.32L	MLFN09.32R	MLFN10.32R	MLFN11.32R	MLFN12.32R
340	MLFN09.34L	MLFN10.34L	MLFN11.34L	MLFN12.34L	MLFN09.34R	MLFN10.34R	MLFN11.34R	MLFN12.34R
360	MLFN09.36L	MLFN10.36L	MLFN11.36L	MLFN12.36L	MLFN09.36R	MLFN10.36R	MLFN11.36R	MLFN12.36R
380	MLFN09.38L	MLFN10.38L	MLFN11.38L	MLFN12.38L	MLFN09.38R	MLFN10.38R	MLFN11.38R	MLFN12.38R
400	MLFN09.40L	MLFN10.40L	MLFN11.40L	MLFN12.40L	MLFN09.40R	MLFN10.40R	MLFN11.40R	MLFN12.40R
420	MLFN09.42L	MLFN10.42L	MLFN11.42L	MLFN12.42L	MLFN09.42R	MLFN10.42R	MLFN11.42R	MLFN12.42R
440	MLFN09.44L	MLFN10.44L	MLFN11.44L	MLFN12.44L	MLFN09.44R	MLFN10.44R	MLFN11.44R	MLFN12.44R
460	MLFN09.46L	MLFN10.46L	MLFN11.46L	MLFN12.46L	MLFN09.46R	MLFN10.46R	MLFN11.46R	MLFN12.46R

For Titanium, please affix 'T' before L/R, e.g. MLFN.11.28TL





**Locking Bolt, 4.9 mm**  
(Proximal Locking - Standard & Distal Locking)

(Item Code: ILB49)

Length	Stainless Steel	Titanium
30 mm - 60 mm	ILB49.30 – ILB49.60	ILB49.30T – ILB49.60T



**Self Tapping Cannulated Locking Bolt, 6.5 mm**  
(Proximal Locking - Recon)

(Item Code: ILB65)

Length	Stainless Steel	Titanium
50 mm - 130 mm	ILB65.50 – ILB65.130	ILB65.50T – ILB65.130T



**End Cap**

(Item Code: ECMF)

Stainless Steel	Titanium
ECMF	ECMFT

**Instrument Set for intraHEAL Multi Angle Femoral Nail**

(Item Code: GOS1437)



GOS1437	Content	Quantity
GOS1437.01	Cannulated Bone Awl, Straight	1
GOS1437.02	Bone Awl, Straight	1
GOS1437.03	Reaming Rod with Staggered Olive, 2.5 mm x 950 mm	1
GOS1437.04	Guide Rod, 2.5 mm x 950 mm	1
GOS1437.05	Guide Wire, 2.3 mm x 500 mm	2
GOS1437.06	Guide Wire Holding Forceps	1
GOS1437.07	Tissue Protector	1
GOS1437.08	Flexible Reaming Shaft	1
GOS1437.09	Flexible Reaming Fixed Head, 8.0 mm	1
GOS1437.10	Detachable Reaming Heads	
GOS1437.10.9-10.14	9 mm, 9.5 mm, 10 mm, 10.5 mm, 11 mm, 11.5 mm, 12 mm, 12.5 mm, 13 mm, 13.5 mm, 14 mm	11
GOS1437.11	Universal Insertion Bolt	1
GOS1437.12	Proximal Multiangle Femur Jig	1
GOS1437.13	Wrench	1
GOS1437.14	Driving Head	1
GOS1437.15	Ram Guide Rod	1
GOS1437.16	Ram	1
GOS1437.17	Protection Sleeve, 8.0 mm for 4.9 mm screw	1
GOS1437.18	Protection Sleeve, 9.0 mm for 6.5 mm Screw	1
GOS1437.19	Pointer	1
GOS1437.20	Drill Sleeve, 4.0 mm	1
GOS1437.21	Drill Bit, 4.0 mm x 250 mm	1
GOS1437.22	Depth Gauge	1
GOS1437.23	Measuring Gauge for Nail	1
GOS1437.24	Proximal Reamer Cannulated, 6.5 mm	1
GOS1437.25	Aiming Trocar	1
GOS1437.26	Fixation Bolt, 4.5 mm	1
GOS1437.27	Screw Driver, 4.5 mm	1
GOS1437.28	Cannulated Screw Driver, 5.0 mm	1
GOS1437.29	Medullary Tube	1
AGC1437	Aluminium Graphic case	1



intraHEAL Proximal Hip Stabilizing Nail

Item Code: ILBS59

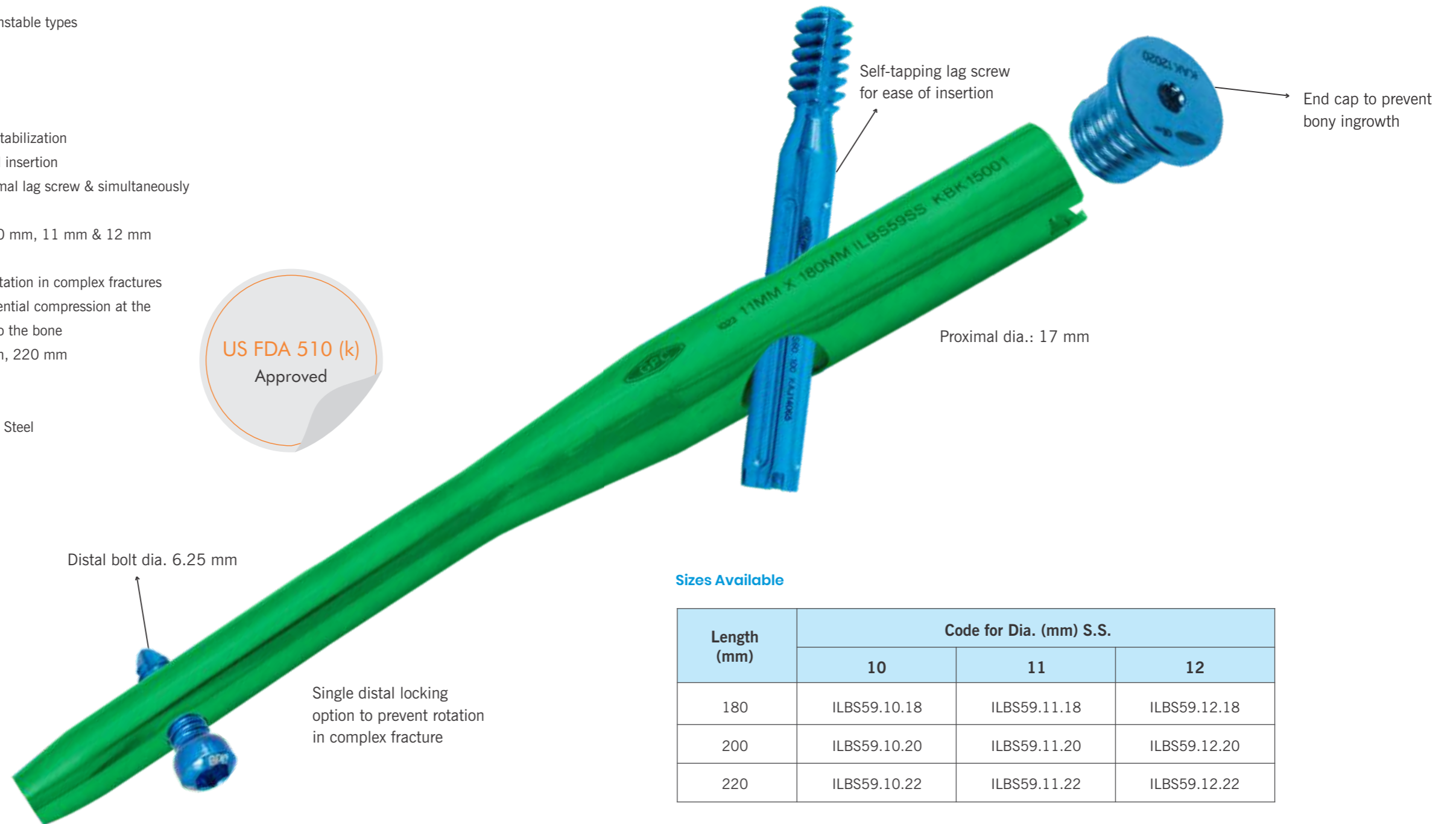
Indications

- Intertrochanteric fractures- stable and unstable types
- High subtrochanteric fractures
- Per subtrochanteric fractures

Features

- Superior biomechanical intramedullary stabilization
- Cannulated nail for guide wire controlled insertion
- Set screw to inhibit rotation of the proximal lag screw & simultaneously allowing sliding of the lag screw
- Nail dia.: 17 mm proximal, Distal dia 10 mm, 11 mm & 12 mm
- Angles: 130°
- Single distal locking option to prevent rotation in complex fractures
- In stable fractures, it provides circumferential compression at the fracture site and transferring axial load to the bone
- Nail length available: 180 mm, 200 mm, 220 mm
- Self-tapping lag screw for easy insertion
- Universal nail for right & left hip
- Available in both Titanium and Stainless Steel

US FDA 510 (k)  
Approved



Sizes Available

Length (mm)	Code for Dia. (mm) S.S.		
	10	11	12
180	ILBS59.10.18	ILBS59.11.18	ILBS59.12.18
200	ILBS59.10.20	ILBS59.11.20	ILBS59.12.20
220	ILBS59.10.22	ILBS59.11.22	ILBS59.12.22

Length (mm)	Code for Dia. (mm) Titanium		
	10	11	12
180	ILBS59.10.18T	ILBS59.11.18T	ILBS59.12.18T
200	ILBS59.10.20T	ILBS59.11.20T	ILBS59.12.20T
220	ILBS59.10.22T	ILBS59.11.22T	ILBS59.12.22T



intraHEAL Proximal Hip Stabilizing Nail, Long

Item Code: ILBS59L

Indications

- Basilar neck fracture
- Intertrochanteric fracture
- Pertrochanteric fracture
- Subtrochanteric fracture
- Femoral shaft fracture



Features

- Superior biomechanical intramedullary stabilization
- Cannulated nail for guide wire controlled insertion
- Set screw to inhibit rotation of the proximal lag screw and simultaneously allowing sliding of the lag screw
- Prevent anterior bow to match the anatomy of femur
- Separate nail for right & left femur
- Angles: 130°
- Two static distal locking options to prevent rotation in complex fracture
- Nail length available from 300 mm to 440 mm
- Self-tapping lag screw for easy insertion
- Available in both Titanium and Stainless Steel



Sizes Available

Length (mm)	Code for Dia. (mm) S.S., Left		
	10	11	12
300	ILBS59L.10.30L	ILBS59L.11.30L	ILBS59L.12.30L
320	ILBS59L.10.32L	ILBS59L.11.32L	ILBS59L.12.32L
340	ILBS59L.10.34L	ILBS59L.11.34L	ILBS59L.12.34L
360	ILBS59L.10.36L	ILBS59L.11.36L	ILBS59L.12.36L
380	ILBS59L.10.38L	ILBS59L.11.38L	ILBS59L.12.38L
400	ILBS59L.10.40L	ILBS59L.11.40L	ILBS59L.12.40L
420	ILBS59L.10.42L	ILBS59L.11.42L	ILBS59L.12.42L
440	ILBS59L.10.44L	ILBS59L.11.44L	ILBS59L.12.44L

Length (mm)	Code for Dia. (mm) S.S., Right		
	10	11	12
300	ILBS59L.10.30R	ILBS59L.11.30R	ILBS59L.12.30R
320	ILBS59L.10.32R	ILBS59L.11.32R	ILBS59L.12.32R
340	ILBS59L.10.34R	ILBS59L.11.34R	ILBS59L.12.34R
360	ILBS59L.10.36R	ILBS59L.11.36R	ILBS59L.12.36R
380	ILBS59L.10.38R	ILBS59L.11.38R	ILBS59L.12.38R
400	ILBS59L.10.40R	ILBS59L.11.40R	ILBS59L.12.40R
420	ILBS59L.10.42R	ILBS59L.11.42R	ILBS59L.12.42R
440	ILBS59L.10.44R	ILBS59L.11.44R	ILBS59L.12.44R

For Titanium, please affix 'T' before L/R, e.g. ILBS59L.11.30TL



**Cephalic Screw (Proximal Locking)**  
(Item Code: ILBS60)

Length	Stainless Steel	Titanium
50 mm - 130 mm	ILBS60.55 – ILBS60.130	ILBS60.55T – ILBS60.130T



**Distal Bolt, 6.25 mm (Distal Locking)**  
(Item Code: ILBS62)

Length	Stainless Steel	Titanium
30 mm - 60 mm	ILBS62.30 – ILBS62.60	ILBS62.30T – ILBS62.60T



**End Cap**  
(Item Code: ECGN59)

Stainless Steel	Titanium
ECGN59	ECGN59T



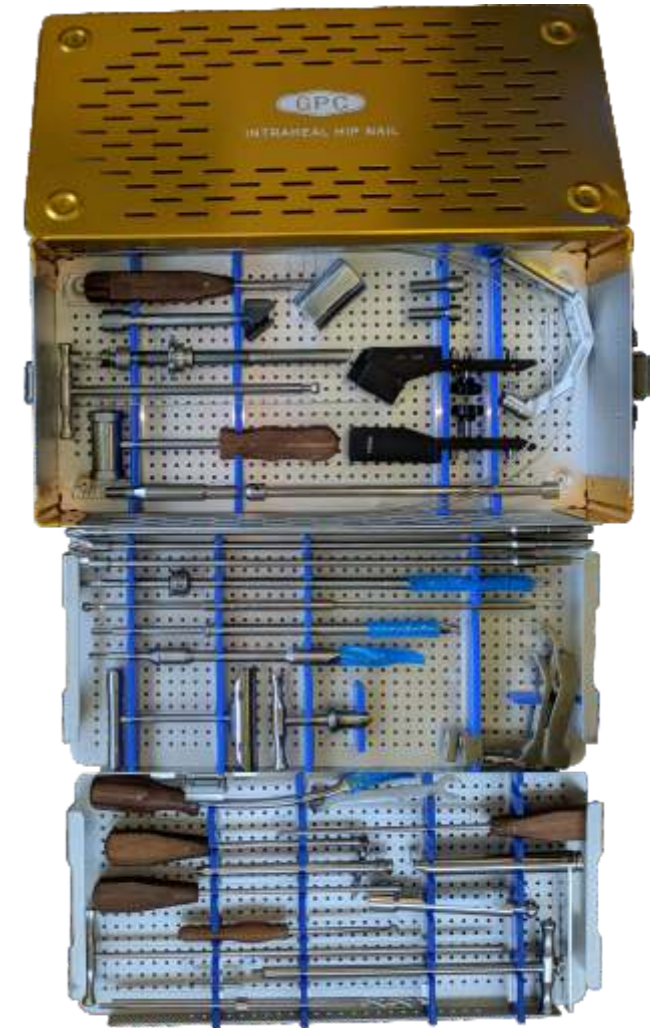
**Set Screw**  
(Item Code: ILBS61)

Stainless Steel	Titanium
ILBS61	ILBS61T

**Instrument Set for intraHEAL Proximal Hip Stabilizing Nail**

(Item Code: GNIS1443)

GNIS1443	Content	Quantity
GPC100	Handle	1
GPC101	Proximal Guide Rod	1
GPC102	Distal Guide Rod	1
GPC103	Guide Rod Wheel	2
GPC104	Guide Pin Holder	1
GPC105	Distal Locking Screw Sleeve	1
GPC106	Distal Locking Screw Drill Sleeve	1
GPC107	Reduction Rod	1
GPC108	Drill Bit	2
GPC109	Limitation	1
GPC110	Wrench for Limitation	1
GPC111	Depth Gauge	1
GPC112	Distal Locking Screw Wrench	1
GPC113	End Cap	1
GPC114	End Cap Wrench	1
GPC115	Hammer	1
GPC116	T-shaped Connect Wrench	1
GPC117	Main Nail Take Out Rod	1
GPC118	Template for Development	1
GPC119	Protect Sleeve	1
GPC120	Guide Pin Sleeve	1
GPC121	Proximal Cortical Drill Bit	1
GPC122	Proximal Cannulated Drill Bit	1
GPC123	Proximal Cannulated Drill Bit With Limitation	1
GPC124	Quick Coupling Connector	1
GPC125	Ball-head Pin	1
GPC126	Reamer Rod	5
GPC130	Soft-Tissue Protecting Pad	1
GPC131	Reamer Presser	1
GPC132	Main Nail Connector	1
GPC133	Main Nail Connect Impactor	1
GPC134	Opener	1
GPC135	Connect Screw	2
GPC136	Open Wrench	1
GPC137	Impact Hammer	1
GPC138	Proximal Nail Sleeve	1
GPC138	Compression Nut	1
GPC138	Blade Nail Sleeve	1
GPC138	Blade Nail Pin	1
GPC139	Guide Pin	3
GPC140	Depth Gauge For Guide Pin	1
GPC141	Locking Screwdriver For Proximal Nail Impact	1
GPC142	Locking Rod	1
AGC1443	Aluminium Graphic Case	1

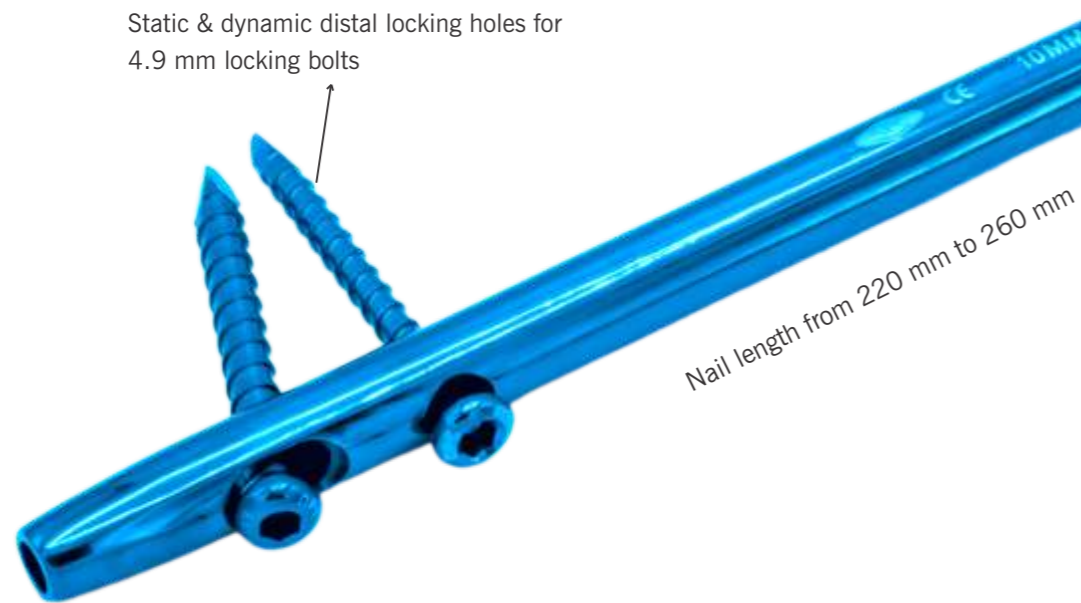


intraHEAL Proximal Femoral Nail

Item Code: PFN09-12

Indications

- Pertrochanteric fractures
- Intertrochanteric fractures
- High subtrochanteric fractures



Features

- Double neck screw nail, for increased strength
- Mediolateral angle of 6° in accordance with the entry point of the nail
- Proximal screws inserted at neck shaft angle of 130 degrees
- Proximal dia. 17 mm
- Self tapping 6.5 mm cannulated screw (most proximal screw) for rotation stability
- Distal dia. 9, 10, 11, 12 mm, enable unreamed insertion
- Static & dynamic distal locking options
- Universal nail for right & left femur
- Available in both titanium & stainless steel



Sizes Available

Length (mm)	Code for Dia. (mm) S.S.			
	9	10	11	12
220	PFN09.22	PFN10.22	PFN11.22	PFN12.22
240	PFN09.24	PFN10.24	PFN11.24	PFN12.24
260	PFN09.26	PFN10.26	PFN11.26	PFN12.26

Length (mm)	Code for Dia. (mm) Titanium			
	9	10	11	12
220	PFN09.22T	PFN10.22T	PFN11.22T	PFN12.22T
240	PFN09.24T	PFN10.24T	PFN11.24T	PFN12.24T
260	PFN09.26T	PFN10.26T	PFN11.26T	PFN12.26T

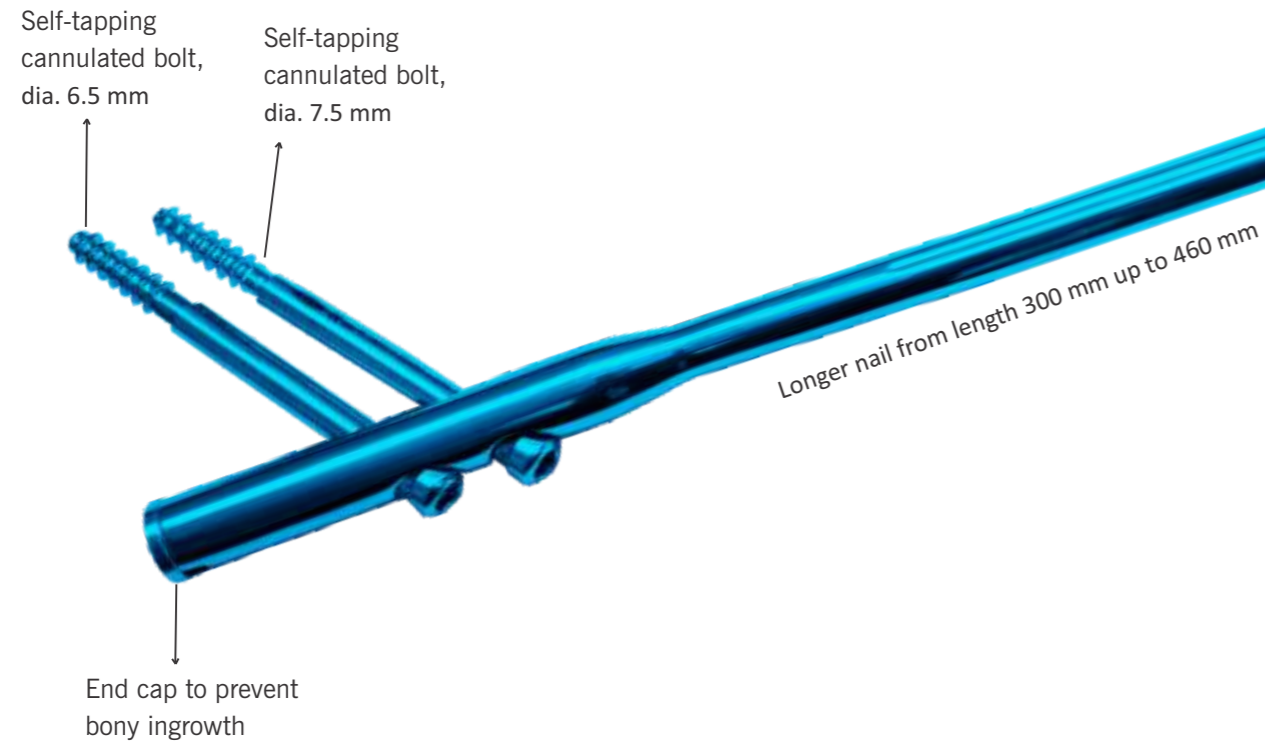


intraHEAL Proximal Femoral Nail, Long

Item Code: PFNL09-12

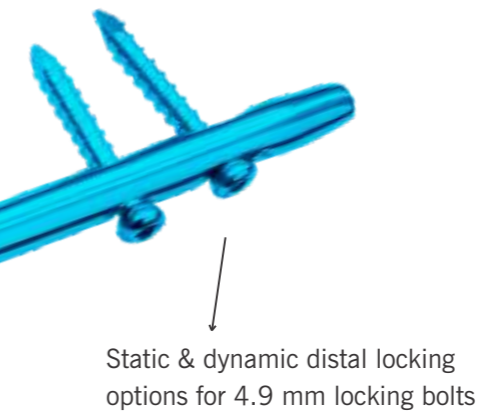
Indications

- Low and extended subtrochanteric fractures
- Ipsilateral trochanteric fractures
- Combination of trochanteric and femur shaft fractures
- Pathological fractures



Features

- Double neck screw nail, for increased strength
- Mediolateral Angle of 6° in accordance with the entry point of the nail
- Proximal screws inserted at neck shaft angle of 130 degrees
- Longer nails, up to length 460 mm for femur shaft fractures
- Proximal dia. 17 mm
- Self-tapping 6.5 mm Cannulated screw (most proximal screw) for rotation stability
- Both the proximal screws- 6.5 mm, 7.5 mm feature insertion stop
- Distal dia. 9, 10, 11 & 12 mm, enable unreamed insertion
- Static & dynamic distal locking options
- Available in both Titanium and Stainless Steel



Sizes Available

Length (mm)	Code for Dia. (mm) S.S., Left			
	9	10	11	12
300	PFNL09.30L	PFNL10.30L	PFNL11.30L	PFNL12.30L
320	PFNL09.32L	PFNL10.32L	PFNL11.32L	PFNL12.32L
340	PFNL09.34L	PFNL10.34L	PFNL11.34L	PFNL12.34L
360	PFNL09.36L	PFNL10.36L	PFNL11.36L	PFNL12.36L
380	PFNL09.38L	PFNL10.38L	PFNL11.38L	PFNL12.38L
400	PFNL09.40L	PFNL10.40L	PFNL11.40L	PFNL12.40L
420	PFNL09.42L	PFNL10.42L	PFNL11.42L	PFNL12.42L
440	PFNL09.44L	PFNL10.44L	PFNL11.44L	PFNL12.44L
460	PFNL09.46L	PFNL10.46L	PFNL11.46L	PFNL12.46L

Length (mm)	Code for Dia. (mm) S.S., Right			
	9	10	11	12
300	PFNL09.30R	PFNL10.30R	PFNL11.30R	PFNL12.30R
320	PFNL09.32R	PFNL10.32R	PFNL11.32R	PFNL12.32R
340	PFNL09.34R	PFNL10.34R	PFNL11.34R	PFNL12.34R
360	PFNL09.36R	PFNL10.36R	PFNL11.36R	PFNL12.36R
380	PFNL09.38R	PFNL10.38R	PFNL11.38R	PFNL12.38R
400	PFNL09.40R	PFNL10.40R	PFNL11.40R	PFNL12.40R
420	PFNL09.42R	PFNL10.42R	PFNL11.42R	PFNL12.42R
440	PFNL09.44R	PFNL10.44R	PFNL11.44R	PFNL12.44R
460	PFNL09.46R	PFNL10.46R	PFNL11.46R	PFNL12.46R

For Titanium, please affix 'T' before L/R, e.g. PFNL09.30TL



**Self Tapping Cannulated Locking Bolt, 6.5 mm**  
(Item Code: ILB65)

Length	Stainless Steel	Titanium
50 mm - 120 mm	ILB65.50 – ILB65.120	ILB65.50T – ILB65.120T



**Self Tapping Cannulated Locking Bolt, 7.5 mm**  
(Item Code: ILB75)

Length	Stainless Steel	Titanium
50 mm - 120 mm	ILB75.50 – ILB75.120	ILB75.50T – ILB75.120T



**Locking Bolt, 4.9 mm (Distal Locking)**  
(Item Code: ILB49)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB49.20 – ILB49.60	ILB49.20T – ILB49.60T



**End Cap**  
(Item Code: ECPF56)

Stainless Steel	Titanium
ECPF56	ECPF56T

**Instrument Set for intraHEAL PFN & PFN Long**

(Item Code: GOS1426)



GOS1426	Content	Quantity
KNI62.C	Curved Bone Awl	1
GR066	Reaming Rod with Staggered Olive	1
FRFH.08	Flexible Reamer with Fixed Head 8 mm	1
FRS68	Flexible Reamer Shaft	1
RH09-13	Reaming Head 9, 10, 11, 12, 13 mm	5
GR121	Guide Rod	1
HNI13	Guide Wire Holding Forceps	1
TP60	Tissue Protector	1
HNI11	Driving Head	1
R120	Ram	1
R121	Ram Guide Rod	1
W70	Wrench	1
PSL793.01	Long Protection Sleeve	2
PSL793.02	Short Protection Sleeve	1
P755.03	Long Pointer	1
P755.04	Short Pointer	1
AT109	Aiming Trocar	1
GWS796	Long Guide Wire Sleeve	2
DS715.40	Drill Sleeve, 4.0 mm	1
DB40	Drill Bit, 4.0 mm	1
C-ILBS747.35	Hexagonal Screw Driver	1
FB45	Fixation Bolt, 4.5 mm	1
DGI708	Depth Gauge, Interlocking	1
DGP708	Depth Gauge, PFN	1
MT72	Medullary Tube	1
PFN1426	PFN Jig	1
PFN652	PFN Insertion Bolt	1
PFN658.65	PFN Step Reamer, 6.5 mm	1
PFN658.75	PFN Step Reamer, 7.5 mm	1
PFN650.65	PFN Tap with Stopper, 6.5 mm	1
PFN650.75	PFN Tap with Stopper, 7.5 mm	1
ILBS751.50	Cannulated Screw Driver Hex. 5.0 mm for PFN Bolts	1
PS918.23.440	Guide Wire 2.3 mm x 440 mm	2
PFN654	Hand Reamer, Cannulated, 14 mm	1
AGC1426	Aluminium Graphic case	1



intraHEAL Proximal Femoral Nail, Advanced

Item Code: PFA09-12

Indications

SHORT Nail

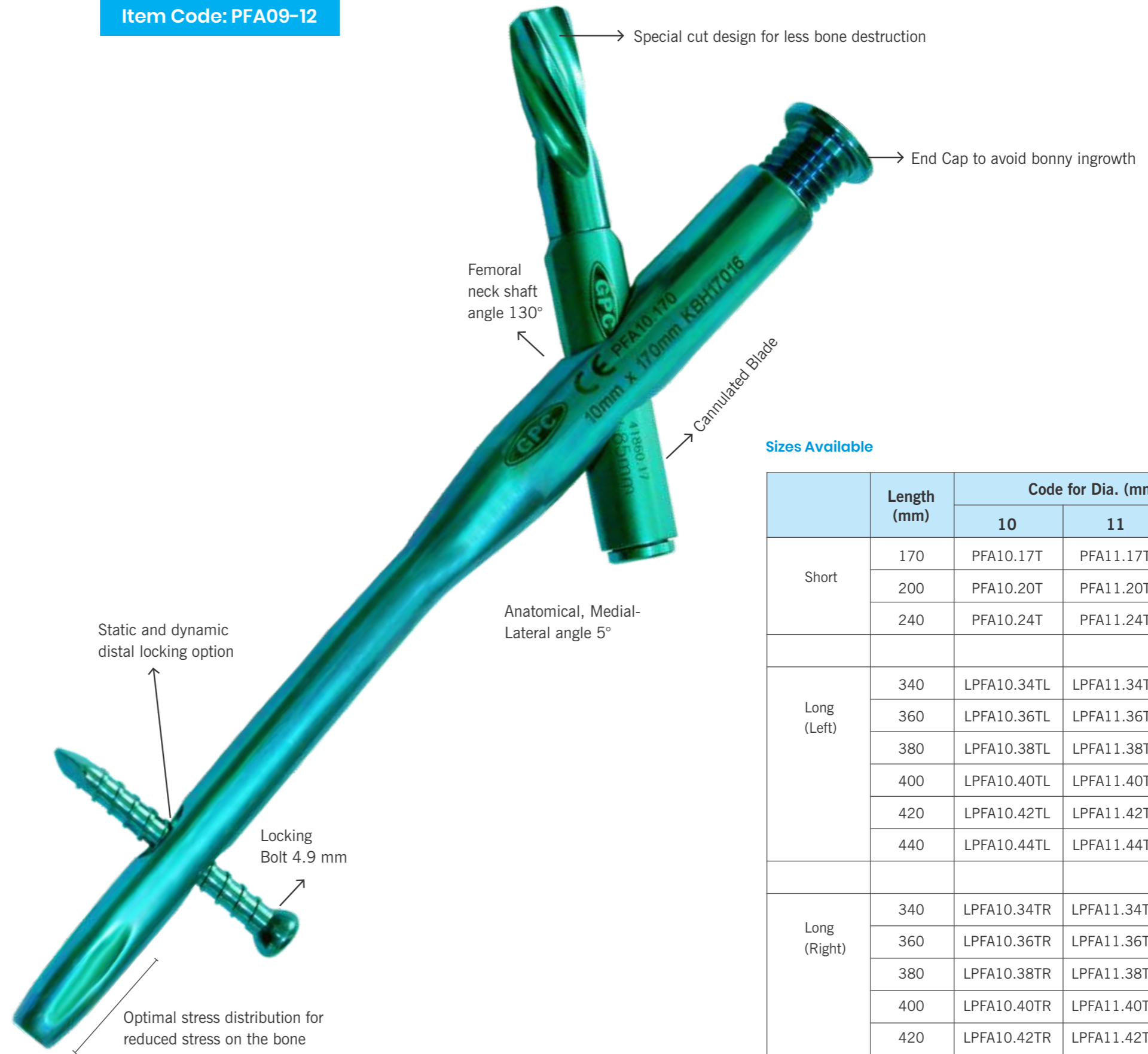
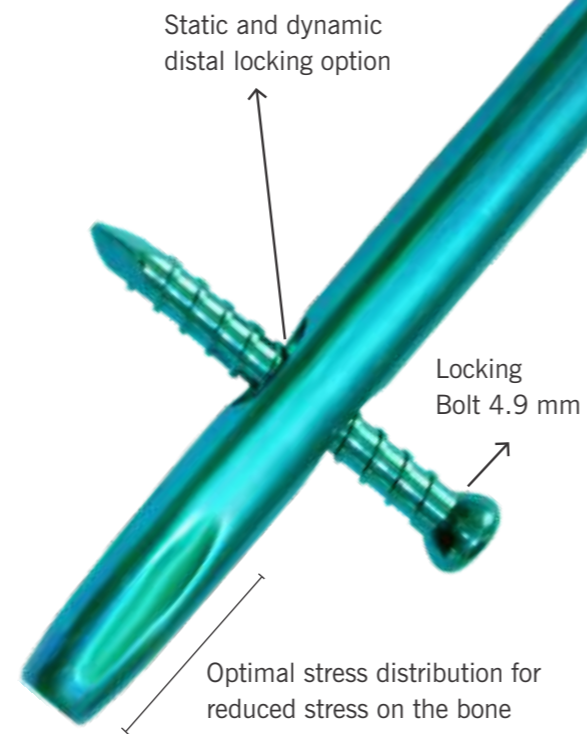
- Simple Pertrochanteric fractures
- Multifragmentary Pertrochanteric fractures
- Simple Intertrochanteric fractures
- Multifragmentary Intertrochanteric fractures
- High Subtrochanteric fractures

Long Nail

- Long and extended Subtrochanteric fractures
- Combination fractures in both proximal femur
- Side specific design - available in left & right

Features

- An ideal implant for the treatment of unstable fractures
- Can be easily inserted
- Useful for elderly persons with osteoporosis
- Anatomical design ensures optimal fit in the femur
- Special design cannulated blade which provides increased stability and helps compression of the cancellous bone while inserting
- Provides angular and rotational stability
- Allows early weight bearing and mobilization
- Both nail and blade are cannulated
- Available in Titanium Only



Sizes Available

	Length (mm)	Code for Dia. (mm) Titanium		
		10	11	12
Short	170	PFA10.17T	PFA11.17T	PFA12.17T
	200	PFA10.20T	PFA11.20T	PFA12.20T
	240	PFA10.24T	PFA11.24T	PFA12.24T
Long (Left)	340	LPFA10.34TL	LPFA11.34TL	LPFA12.34TL
	360	LPFA10.36TL	LPFA11.36TL	LPFA12.36TL
	380	LPFA10.38TL	LPFA11.38TL	LPFA12.38TL
	400	LPFA10.40TL	LPFA11.40TL	LPFA12.40TL
	420	LPFA10.42TL	LPFA11.42TL	LPFA12.42TL
	440	LPFA10.44TL	LPFA11.44TL	LPFA12.44TL
Long (Right)	340	LPFA10.34TR	LPFA11.34TR	LPFA12.34TR
	360	LPFA10.36TR	LPFA11.36TR	LPFA12.36TR
	380	LPFA10.38TR	LPFA11.38TR	LPFA12.38TR
	400	LPFA10.40TR	LPFA11.40TR	LPFA12.40TR
	420	LPFA10.42TR	LPFA11.42TR	LPFA12.42TR
	440	LPFA10.44TR	LPFA11.44TR	LPFA12.44TR



**Adv. Cannulated Blade**  
(Item Code: PFABT)

Length	Titanium
75 mm - 130 mm	PFAB.75T - PFAB.130T



**Locking Bolt, 4.9 mm**  
(Item Code: ILB49T)

Length	Titanium
20 mm - 60 mm	ILB49.20T - ILB49.60T



**End Cap**  
(Item Code: ECPFAT)

**Instrument Set for intraHEAL Proximal Femoral Nail, Advanced**

(Item Code: GOS1433)

GOS1433	Content	Quantity
GOS1433.01	Template for Development	1
GOS1433.02	Protection Sleeve & Guiding Sleeve, 3.2 mm	1
GOS1433.03	Proximal Hollow Drill Bit	1
GOS1433.04	Quick Coupling Handle	1
GOS1433.05	Soft-tissue Protecting Pad	2
GOS1433.06	Ball Head Guide Pin, 2.5/4.0/1000	1
GOS1433.07	Reduction Rod	1
GOS1433.08	Guide Pin Extractor	1
GOS1433.09	Cannulated Hole Opener	1
GOS1433.10	PFA Handle	2
GOS1433.11	PFA Connecting Nut (M 10 X 1.5 /SW8)	1
GOS1433.12	Wrench for Connecting Bolt	1
GOS1433.13	Impactor Connector	1
GOS1433.14	Combination Wrench	1
GOS1433.15	Hammer	1
GOS1433.16	Proximal Guide Rod 170/200 + Lock Wheels	1
GOS1433.17	Guide Rod Lock Wheel M8	1
GOS1433.18	Blade Nail Sleeve, Guide Pin Sleeve 11.2/3.2 + Sleeve Pin, 3.2 mm	5
GOS1433.19	Threaded Guide Pin, 3.2 X 400 mm	1
GOS1433.20	Guide Pin Depth Gauge, 3.2 mm	1
GOS1433.21	Hollow Drill Bit for Proximal Cortical Bone 3.2/10.6/11.2	1
GOS1433.22	Proximal Limitation Cannulated Drill Bit + Limitator, 3.2/10.6/11.2 mm	1
GOS1433.23	Blade Screw Knock-in/Locking Screw driver	1
GOS1433.24	Blade Nail Remove Rod	1
GOS1433.25	Dynamic Guide Rod, 240 mm with Lock Wheels	1
GOS1433.26	Distal 90° Static Guide Rod, 170/200/240 with Lock Wheels	2
GOS1433.27	Sleeve for Distal Screw, 8.2 mm + Drill Sleeve, 8.2/4.3 mm	1
GOS1433.28	Sleeve Pin, 4.3 mm	3
GOS1433.29	Bone Drill, 4.3 mm	1
GOS1433.30	Depth Gauge	1
GOS1433.31	Distal Locking Screw Wrench, SW4.0	1
GOS1433.32	Tail Hat Ball Head Wrench, SW4.0	1
GOS1433.33	Hooked Guide Pin, 2.8 mm	1
GOS1433.34	Cap Cannulated Screw Driver, 2.8/SW4.0/SW11	1
GOS1433.35	Cap Cannulated Sleeve/Extension Rod SW11	1
GOS1433.36	Blade Extractor SW4.5/3.2	1
GOS1433.37	Sliding Hammer	1
GOS1433.38	Main Nail Remove Rod M10 x 1.5	1
GOS1433.39	PFA Long Nail Distal Connection Guide Rod	1
GOS1433.40	Lock Wheel Wrench SW5	1
GOS1433.41	PFA Long Nail Distal Guide Rod	1
GOS1433.42	PFA Long Nail Distal Position Rack	1
GOS1433.43	Soft Tissue Dissociator	1
GOS1433.44	Drill Sleeve, 5.2 mm	1
GOS1433.45	Positioning Drill Bit	1
GOS1433.46	Flat-Head Drill	1
GOS1433.47	Position Rod	1
GOS1433.48	Positioning Block	1
AGC1433	Aluminium Graphic Case	

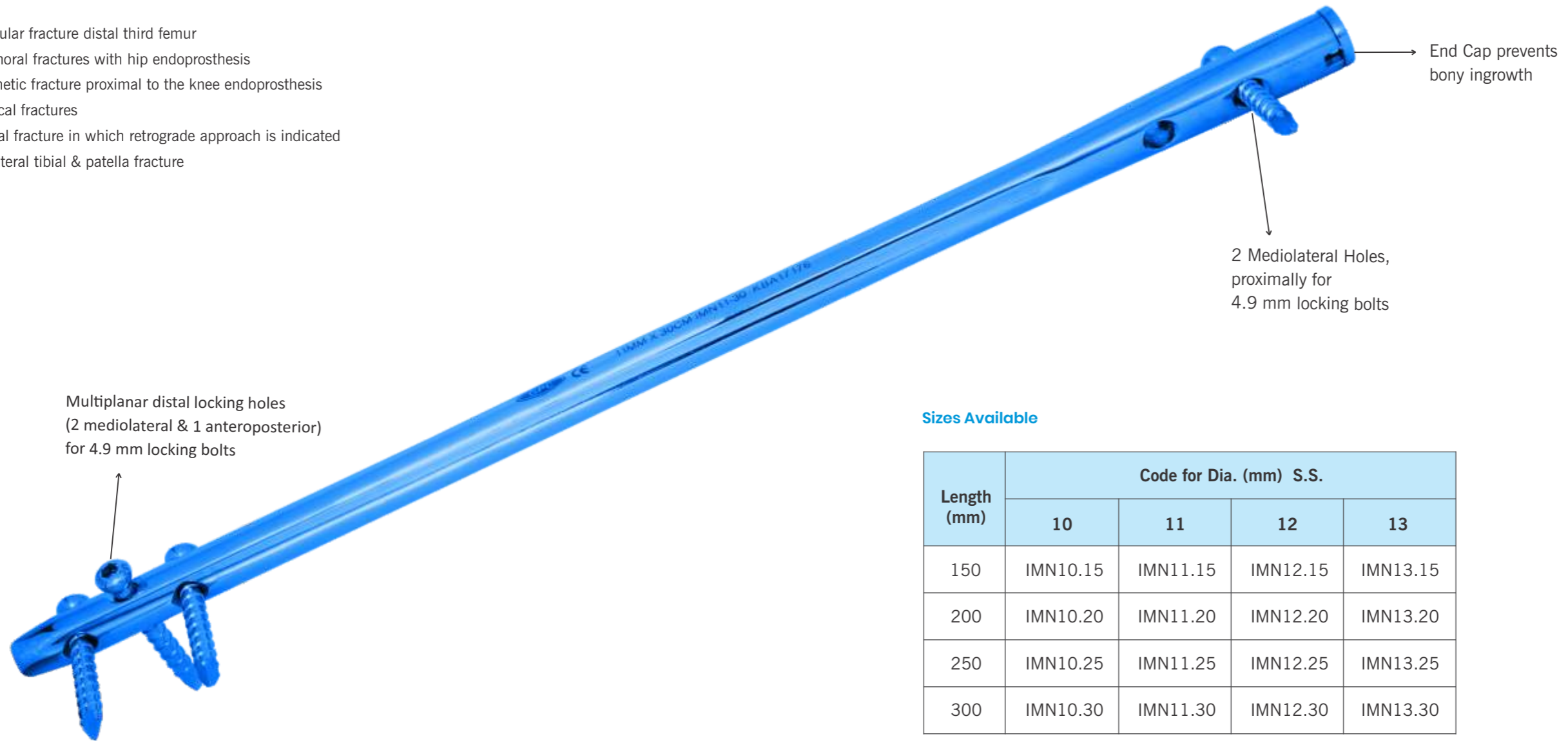


intraHEAL Supra Condylar Nail

Item Code: IMN10-13

Indications

- Extraarticular fracture distal third femur
- Distal femoral fractures with hip endoprosthesis
- Periprosthetic fracture proximal to the knee endoprosthesis
- Pathological fractures
- Diaphyseal fracture in which retrograde approach is indicated e.g. ipsilateral tibial & patella fracture



Features

- Used for retrograde intramedullary nailing
- In stable fractures, it provides circumferential compression at the fracture site and transferring axial load to the bone
- Standard locking elements, 4.9 mm locking bolt for proximal & distal locking
- Universal nail for right & left femur
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.			
	10	11	12	13
150	IMN10.15	IMN11.15	IMN12.15	IMN13.15
200	IMN10.20	IMN11.20	IMN12.20	IMN13.20
250	IMN10.25	IMN11.25	IMN12.25	IMN13.25
300	IMN10.30	IMN11.30	IMN12.30	IMN13.30

Length (mm)	Code for Dia. (mm) Titanium			
	10	11	12	13
150	IMN10.15T	IMN11.15T	IMN12.15T	IMN13.15T
200	IMN10.20T	IMN11.20T	IMN12.20T	IMN13.20T
250	IMN10.25T	IMN11.25T	IMN12.25T	IMN13.25T
300	IMN10.30T	IMN11.30T	IMN12.30T	IMN13.30T





**Locking Bolt, 4.9 mm (Proximal & Distal Locking)**  
(Item Code: ILB49)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB49.20 - ILB49.60	ILB49.20T - ILB49.60T

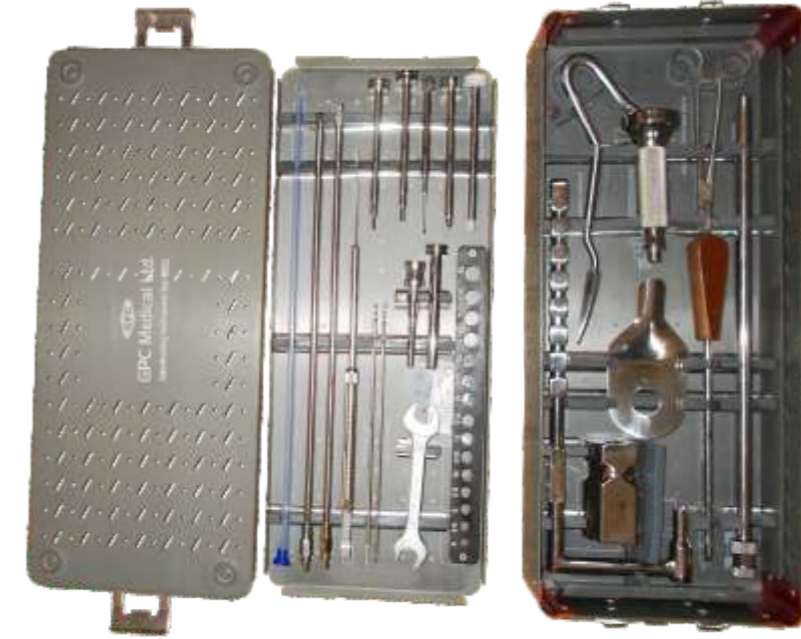


**End Cap**  
(Item Code: ECIN53)

Stainless Steel	Titanium
ECIN53	ECIN53T

**Instrument Set for intraHEAL Supra Condylar Nail**

(Item Code: GOS1425)



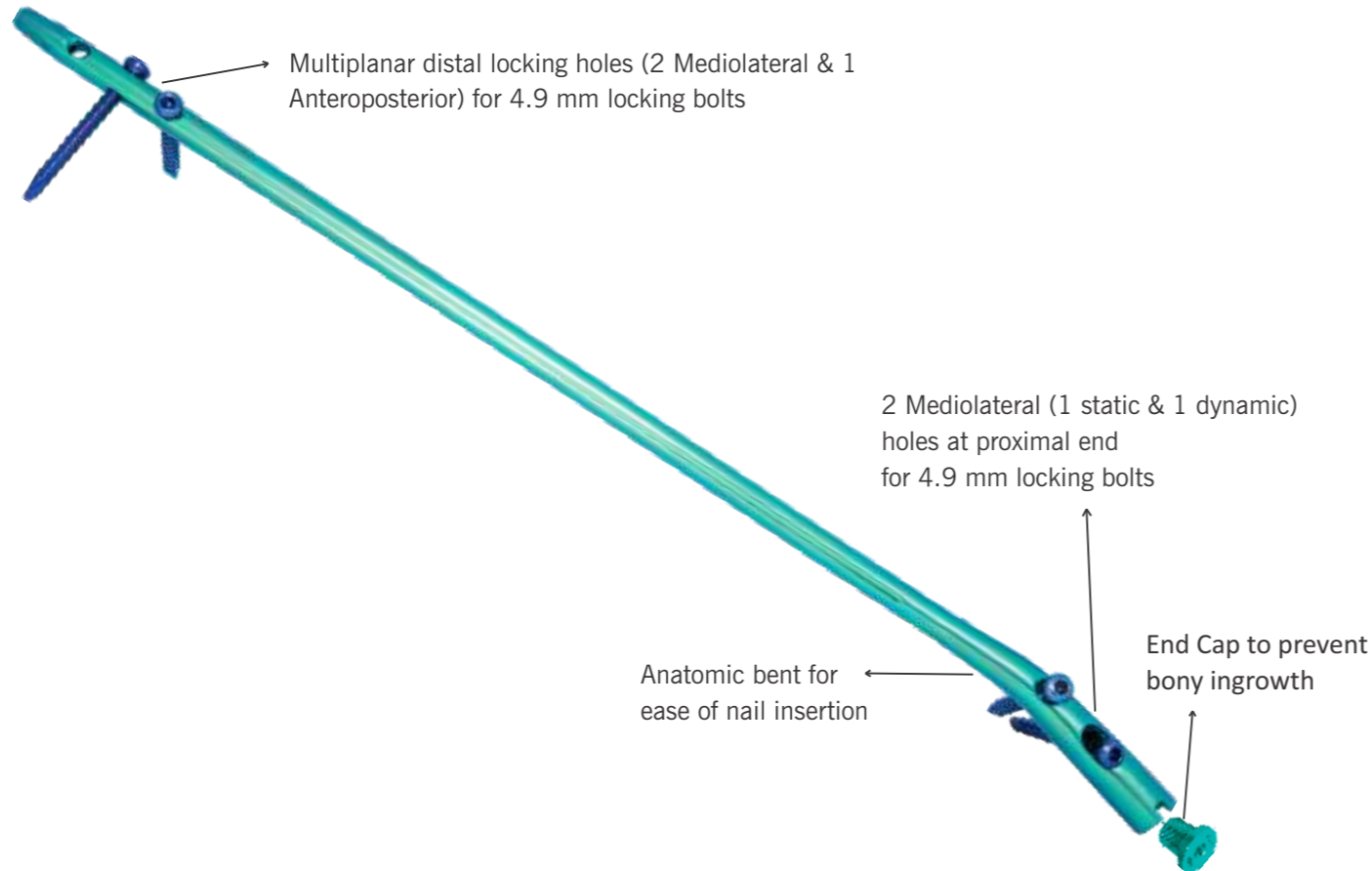
GOS1425	Content	Quantity
KNI62.S	Straight Bone Awl	1
GRO66	Reaming Rod with Staggered Olive	1
FRFH.08	Flexible Reamer with Fixed Head 8 mm	1
FRS68	Flexible Reaming Shaft	1
RH09-13	Reaming Heads 9, 10, 11, 12, 13 mm	5
GR121	Guide Rod	1
HNI13	Guide Wire Holding Forceps	1
TP60	Tissue Protector	1
DJS1425	Proximal & Distal Jig for Nail	1
IBN89.S	Insertion Bolt for Nail	1
HNI11	Driving Head	1
R120	Ram	1
R121	Ram Guide Rod	1
W70	Wrench	1
PSL793	Protection Sleeve	1
P755	Pointer	1
AT109	Aiming Trocar	1
DS715.40	Drill Sleeve, 4.0 mm	1
DB40	Drill Bit, 4.0 mm	1
DB32	Drill Bit, 3.2 mm	1
C-ILBS747.35	Hexagonal Screw Driver	1
DGR708	Depth Gauge	1
DS715.R	Drill Sleeve, 3.2 mm	1
FB45	Fixation Bolt, 4.5 mm	1
MT72	Medullary Tube	1
AGC1425	Aluminium Graphic case	1
	<b>Optional</b>	
KNI79.08-13	Cannulated Reamers 8, 9, 10, 11, 12, 13 mm	6

intraHEAL Reamed Tibial Nail

Item Code: ITL08-14

Indications

- Open & closed tibial shaft fracture
- Mal-unions/non-unions of the tibial shaft
- Open/comminuted fracture of the tibia shaft
- Pathological fracture
- Tibia & fibula shaft fracture
- Pseudoarthrosis
- Tumor resection
- Corrective Osteotomies



Features

- Static and dynamic locking options
- Biplanar distal locking options provide rotational stability
- Small caliber, cannulated implant inserted after reaming helps in reducing the hoop stress formation
- 10 degree Herzog bend in proximal third of nail
- For 8 mm nail, 3.9 mm locking bolt is used for distal locking
- Stability is increased with the reamed technique, because the nail fits snugly in a longer portion of the tibial shaft
- Universal nail for right & left tibia
- Available in both titanium & stainless steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.						
	8	9	10	11	12	13	14
220	ITL08.22	ITL09.22	ITL10.22	ITL11.22			
230	ITL08.23	ITL09.23	ITL10.23	ITL11.23			
240	ITL08.24	ITL09.24	ITL10.24	ITL11.24			
250	ITL08.25	ITL09.25	ITL10.25	ITL11.25			
260	ITL08.26	ITL09.26	ITL10.26	ITL11.26	ITL12.26	ITL13.26	ITL14.26
270	ITL08.27	ITL09.27	ITL10.27	ITL11.27	ITL12.27	ITL13.27	ITL14.27
280	ITL08.28	ITL09.28	ITL10.28	ITL11.28	ITL12.28	ITL13.28	ITL14.28
290	ITL08.29	ITL09.29	ITL10.29	ITL11.29	ITL12.29	ITL13.29	ITL14.29
300	ITL08.30	ITL09.30	ITL10.30	ITL11.30	ITL12.30	ITL13.30	ITL14.30
310	ITL08.31	ITL09.31	ITL10.31	ITL11.31	ITL12.31	ITL13.31	ITL14.31
320	ITL08.32	ITL09.32	ITL10.32	ITL11.32	ITL12.32	ITL13.32	ITL14.32
330	ITL08.33	ITL09.33	ITL10.33	ITL11.33	ITL12.33	ITL13.33	ITL14.33
340	ITL08.34	ITL09.34	ITL10.34	ITL11.34	ITL12.34	ITL13.34	ITL14.34
350	ITL08.35	ITL09.35	ITL10.35	ITL11.35	ITL12.35	ITL13.35	ITL14.35
360	ITL08.36	ITL09.36	ITL10.36	ITL11.36	ITL12.36	ITL13.36	ITL14.36
370	ITL08.37	ITL09.37	ITL10.37	ITL11.37	ITL12.37	ITL13.37	ITL14.37
380	ITL08.38	ITL09.38	ITL10.38	ITL11.38	ITL12.38	ITL13.38	ITL14.38
390	ITL08.39	ITL09.39	ITL10.39	ITL11.39	ITL12.39	ITL13.39	ITL14.39
400	ITL08.40	ITL09.40	ITL10.40	ITL11.40	ITL12.40	ITL13.40	ITL14.40
410	ITL08.41	ITL09.41	ITL10.41	ITL11.41	ITL12.41	ITL13.41	ITL14.41
420	ITL08.42	ITL09.42	ITL10.42	ITL11.42	ITL12.42	ITL13.42	ITL14.42
430	ITL08.43	ITL09.43	ITL10.43	ITL11.43	ITL12.43	ITL13.43	ITL14.43
440	ITL08.44	ITL09.44	ITL10.44	ITL11.44	ITL12.44	ITL13.44	ITL14.44

For Titanium, please affix 'T' after above code number.



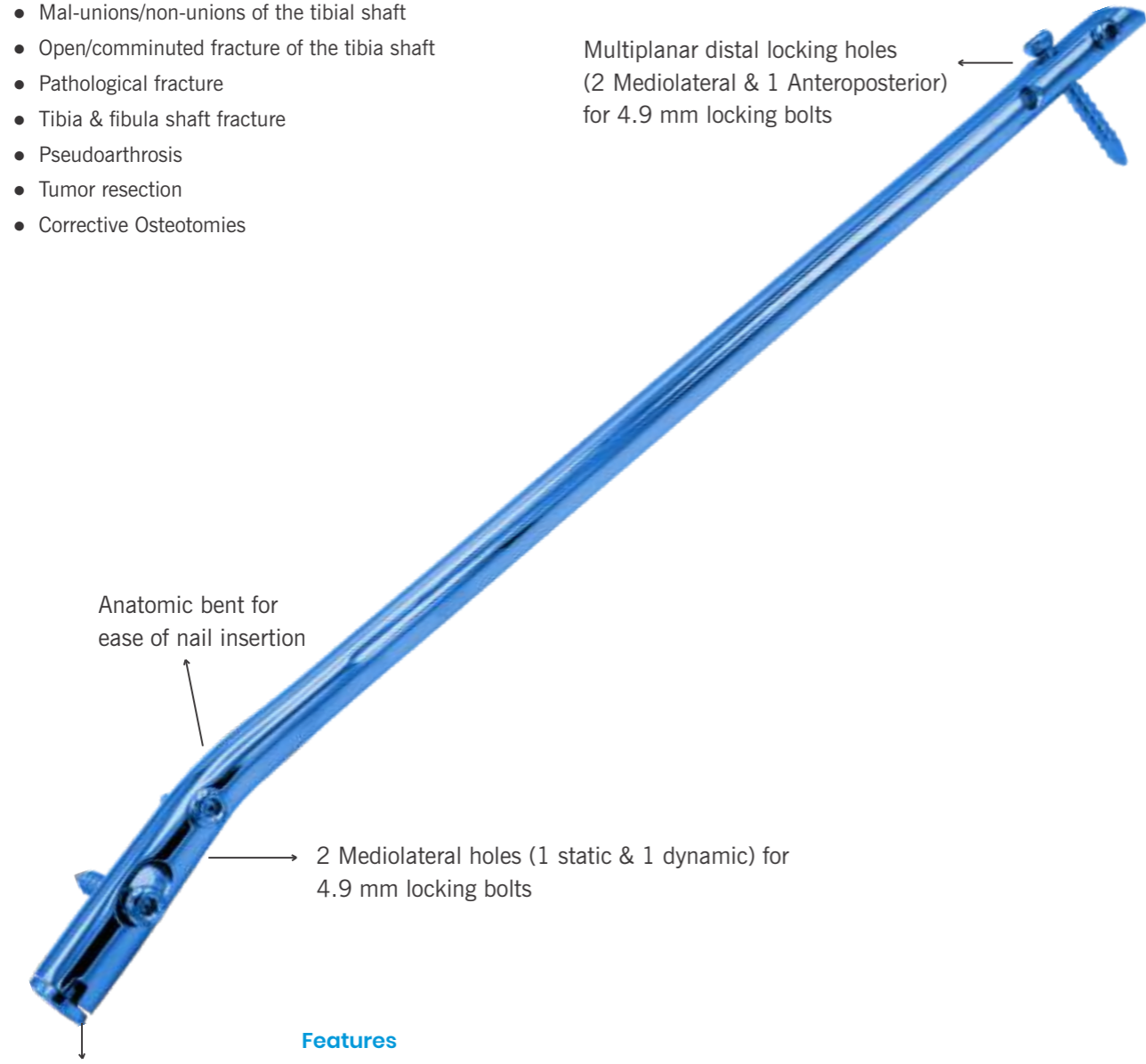
intraHEAL Unreamed Tibial Nail

Item Code: UTL09-14

Indications

- Open & closed tibial shaft fracture, particularly with smaller medullary canal
- Mal-unions/non-unions of the tibial shaft
- Open/comminuted fracture of the tibia shaft
- Pathological fracture
- Tibia & fibula shaft fracture
- Pseudoarthrosis
- Tumor resection
- Corrective Osteotomies

Multiplanar distal locking holes (2 Mediolateral & 1 Anteroposterior) for 4.9 mm locking bolts



Features

- Since the nail is solid, there is reduced risk of pulmonary dysfunction from embolized medullary debris
- Static and dynamic locking options
- Biplanar distal locking options provide rotational stability
- No disruption of medullary blood supply
- 10 degree Herzog bend in proximal third of nail
- For 8 mm nail, 3.9 mm locking bolt is used for distal locking
- Decreased dead space reduces the risk of infection
- Universal nail for right & left tibia
- Available in both titanium & stainless steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.						
	8	9	10	11	12	13	14
220	UTL08.22	UTL09.22	UTL10.22	UTL11.22			
230	UTL08.23	UTL09.23	UTL10.23	UTL11.23			
240	UTL08.24	UTL09.24	UTL10.24	UTL11.24			
250	UTL08.25	UTL09.25	UTL10.25	UTL11.25			
260	UTL08.26	UTL09.26	UTL10.26	UTL11.26	UTL12.26	UTL13.26	UTL14.26
270	UTL08.27	UTL09.27	UTL10.27	UTL11.27	UTL12.27	UTL13.27	UTL14.27
280	UTL08.28	UTL09.28	UTL10.28	UTL11.28	UTL12.28	UTL13.28	UTL14.28
290	UTL08.29	UTL09.29	UTL10.29	UTL11.29	UTL12.29	UTL13.29	UTL14.29
300	UTL08.30	UTL09.30	UTL10.30	UTL11.30	UTL12.30	UTL13.30	UTL14.30
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320	UTL08.32	UTL09.32	UTL10.32	UTL11.32	UTL12.32	UTL13.32	UTL14.32
330	UTL08.33	UTL09.33	UTL10.33	UTL11.33	UTL12.33	UTL13.33	UTL14.33
340	UTL08.34	UTL09.34	UTL10.34	UTL11.34	UTL12.34	UTL13.34	UTL14.34
350	UTL08.35	UTL09.35	UTL10.35	UTL11.35	UTL12.35	UTL13.35	UTL14.35
360	UTL08.36	UTL09.36	UTL10.36	UTL11.36	UTL12.36	UTL13.36	UTL14.36
370	UTL08.37	UTL09.37	UTL10.37	UTL11.37	UTL12.37	UTL13.37	UTL14.37
380	UTL08.38	UTL09.38	UTL10.38	UTL11.38	UTL12.38	UTL13.38	UTL14.38
390	UTL08.39	UTL09.39	UTL10.39	UTL11.39	UTL12.39	UTL13.39	UTL14.39
400	UTL08.40	UTL09.40	UTL10.40	UTL11.40	UTL12.40	UTL13.40	UTL14.40
410	UTL08.41	UTL09.41	UTL10.41	UTL11.41	UTL12.41	UTL13.41	UTL14.41
420	UTL08.42	UTL09.42	UTL10.42	UTL11.42	UTL12.42	UTL13.42	UTL14.42
430	UTL08.43	UTL09.43	UTL10.43	UTL11.43	UTL12.43	UTL13.43	UTL14.43
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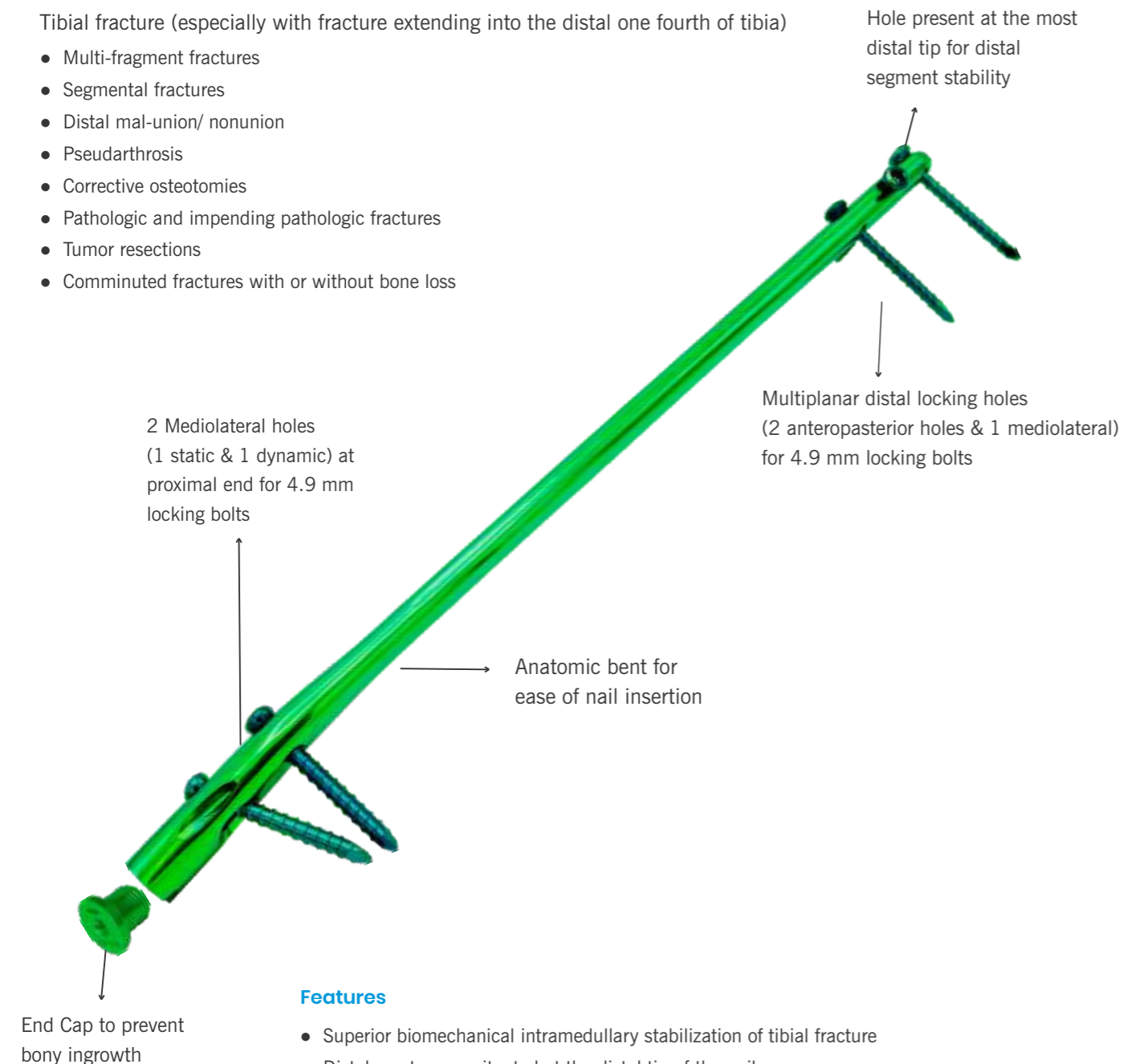
For Titanium, please affix 'T' after above code number.

intraHEAL Reamed Tibial Nail, Distal Tip

Item Code: ITLD09-14

Indications

- Tibial fracture (especially with fracture extending into the distal one fourth of tibia)
- Multi-fragment fractures
  - Segmental fractures
  - Distal mal-union/ nonunion
  - Pseudarthrosis
  - Corrective osteotomies
  - Pathologic and impending pathologic fractures
  - Tumor resections
  - Comminuted fractures with or without bone loss



Features

- Superior biomechanical intramedullary stabilization of tibial fracture
- Distal most screw situated at the distal tip of the nail
- Static and dynamic locking options
- 10 degree Herzog bend in proximal third of nail
- Biplanar distal locking options provide rotational stability
- Small caliber, cannulated implant inserted after reaming helps in reducing the hoop stress formation
- For 8 mm nail, 3.9 mm locking bolt is used for distal locking
- Stability is increased with the reamed technique, because the nail fits snugly in a longer portion of the tibial shaft
- Universal nail for right & left tibia
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.						
	8	9	10	11	12	13	14
220	ITLD08.22	ITLD09.22	ITLD10.22	ITLD11.22			
230	ITLD08.23	ITLD09.23	ITLD10.23	ITLD11.23			
240	ITLD08.24	ITLD09.24	ITLD10.24	ITLD11.24			
250	ITLD08.25	ITLD09.25	ITLD10.25	ITLD11.25			
260	ITLD08.26	ITLD09.26	ITLD10.26	ITLD11.26	ITLD12.26	ITLD13.26	ITLD14.26
270	ITLD08.27	ITLD09.27	ITLD10.27	ITLD11.27	ITLD12.27	ITLD13.27	ITLD14.27
280	ITLD08.28	ITLD09.28	ITLD10.28	ITLD11.28	ITLD12.28	ITLD13.28	ITLD14.28
290	ITLD08.29	ITLD09.29	ITLD10.29	ITLD11.29	ITLD12.29	ITLD13.29	ITLD14.29
300	ITLD08.30	ITLD09.30	ITLD10.30	ITLD11.30	ITLD12.30	ITLD13.30	ITLD14.30
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320	ITLD08.32	ITLD09.32	ITLD10.32	ITLD11.32	ITLD12.32	ITLD13.32	ITLD14.32
330	ITLD08.33	ITLD09.33	ITLD10.33	ITLD11.33	ITLD12.33	ITLD13.33	ITLD14.33
340	ITLD08.34	ITLD09.34	ITLD10.34	ITLD11.34	ITLD12.34	ITLD13.34	ITLD14.34
350	ITLD08.35	ITLD09.35	ITLD10.35	ITLD11.35	ITLD12.35	ITLD13.35	ITLD14.35
360	ITLD08.36	ITLD09.36	ITLD10.36	ITLD11.36	ITLD12.36	ITLD13.36	ITLD14.36
370	ITLD08.37	ITLD09.37	ITLD10.37	ITLD11.37	ITLD12.37	ITLD13.37	ITLD14.37
380	ITLD08.38	ITLD09.38	ITLD10.38	ITLD11.38	ITLD12.38	ITLD13.38	ITLD14.38
390	ITLD08.39	ITLD09.39	ITLD10.39	ITLD11.39	ITLD12.39	ITLD13.39	ITLD14.39
400	ITLD08.40	ITLD09.40	ITLD10.40	ITLD11.40	ITLD12.40	ITLD13.40	ITLD14.40
410	ITLD08.41	ITLD09.41	ITLD10.41	ITLD11.41	ITLD12.41	ITLD13.41	ITLD14.41
420	ITLD08.42	ITLD09.42	ITLD10.42	ITLD11.42	ITLD12.42	ITLD13.42	ITLD14.42
430	ITLD08.43	ITLD09.43	ITLD10.43	ITLD11.43	ITLD12.43	ITLD13.43	ITLD14.43
440	ITLD08.44	ITLD09.44	ITLD10.44	ITLD11.44	ITLD12.44	ITLD13.44	ITLD14.44

For Titanium, please affix 'T' after above code number.



**Locking Bolt, 4.9 mm (Proximal & Distal Locking)**  
(Item Code: ILB49)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB49.20 - ILB49.60	ILB49.20T - ILB49.60T



**End Cap for Tibial Nail**  
(Item Code: ECTF51)

Stainless Steel	Titanium
ECTF51	ECTF51T

**Instrument Set For intraHEAL Reamed & Unreamed Tibial Nail**

(Item Code: GOS1420)



GOS1420	Content	Quantity
GOS1420.01	Curved Bone Awl	1
GOS1420.02	Guide Wire Holding Forceps	1
GOS1420.03	Tissue Protector	1
GOS1420.04	Proximal Jig for Tibial/Femur	1
GOS1420.05	Universal Insertion Bolt	1
GOS1420.06	Driving Head	1
GOS1420.07	Ram	1
GOS1420.08	Ram Guide Rod	1
GOS1420.09	Wrench	1
GOS1420.10	Protection Sleeve	1
GOS1420.11	Pointer	1
GOS1420.12	Drill Sleeve 4.0 mm	1
GOS1420.13	Drill Bit 4.2 mm	2
GOS1420.14	Screw Driver 4.5 mm	1
GOS1420.15	Depth Gauge	1
GOS1420.16	Medullary (Plastic) Tube	1
GOS1420.17	T-Handle Chuck	1
GOS1420.18	Aiming Arm	1
GOS1420.19	Wheel for Aiming Arm	1
GOS1420.20	Flexible Reamer with Fixed Head 8 mm	2
GOS1420.21	Flexible Reaming Shaft with detachable head	1
GOS1420.22	Reaming Heads 9, 10, 11, 12, 13 mm	5
GOS1420.23	Distal Jig for Tibia Nail	1
GOS1420.24	Distal Jig for Femur Nail	1
GOS1420.25	Ruler	1
GOS1420.26	Aluminium Casing with Graphic Trays	1

intraHEAL Multi Angle Tibial Nail

Item Code: MLTN08-10

Indications

- Tibial shaft fractures
- Proximal tibial fracture
- Metaphyseal & intra-articular fractures of tibial head & pilon
- Multi-fragment fractures
- Segmental fractures
- Non-unions
- Mal-unions
- Pseudoarthrosis
- Corrective osteotomies
- Pathologic and impending pathologic fractures
- Tumor resections
- Comminuted fractures with or without bone loss



Features

- Multiple locking options
- Multiplanar proximal locking options in the proximal segment confers rotational stability & strength to the construct
- Biplanar distal locking options provide rotational stability
- End cap helps achieve angular stability between proximal oblique screw & the nail
- For 8 mm nail, 3.9 mm locking bolt is used for distal locking
- Anatomic bent for ease of nail insertion
- Single nail for proximal, shaft & distal fractures
- Universal nail for right & left tibia
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.			Code for Dia. (mm) Titanium		
	08	09	10	08	09	10
260	MLTN08.26	MLTN09.26	MLTN10.26	MLTN08.26T	MLTN09.26T	MLTN10.26T
280	MLTN08.28	MLTN09.28	MLTN10.28	MLTN08.28T	MLTN09.28T	MLTN10.28T
300	MLTN08.30	MLTN09.30	MLTN10.30	MLTN08.30T	MLTN09.30T	MLTN10.30T
320	MLTN08.32	MLTN09.32	MLTN10.32	MLTN08.32T	MLTN09.32T	MLTN10.32T
340	MLTN08.34	MLTN09.34	MLTN10.34	MLTN08.34T	MLTN09.34T	MLTN10.34T
360	MLTN08.36	MLTN09.36	MLTN10.36	MLTN08.36T	MLTN09.36T	MLTN10.36T





**Locking Bolt, 4.9 mm (Proximal & Distal Locking)**  
(Item Code: ILB49)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB49.20 – ILB49.60	ILB49.20T – ILB49.60T



**Locking Bolt, 3.9 mm (Distal Locking for dia. 8 mm)**  
(Item Code: ILB39)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB39.20 - ILB39.60	ILB39.20T - ILB39.60T



**End Cap**  
(Item Code: ECTF51)

Stainless steel	Titanium
ECTF51	ECTF51T

**Instrument Set For intraHEAL Multi Angle Tibial Nail**

(Item Code: GOS1436)



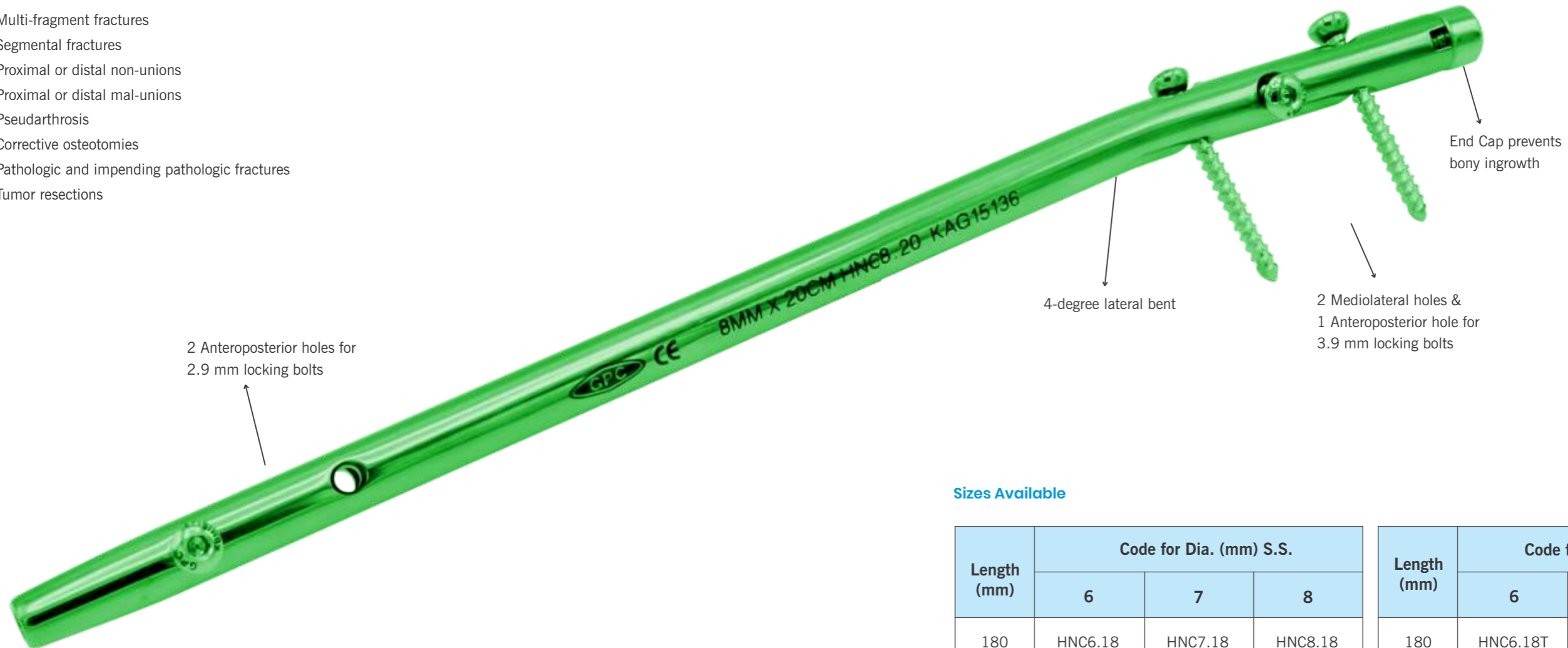
GOS1436	Content	Quantity
GOS1436.01	Cannulated Bone Awl, Curved	1
GOS1436.02	Bone Awl, Curved	1
GOS1436.03	Reaming Rod With Staggered Olive, 2.5 mm x 950 mm	1
GOS1436.04	Guide Rod 2.5 mm x 950 mm	1
GOS1436.05	Guide Wire Holding Forcep	1
GOS1436.06	Tissue Protector	1
GOS1436.07	Flexible Reamer with Fixed Head, 8.0 mm	1
GOS1436.08	Flexible Reamer with Fixed Head, 8.5 mm	1
GOS1436.09	Flexible Reaming Shaft	1
GOS1436.10	Detachable Reaming Heads	
GOS1436.10.09-10.14	9.0, 9.5, 10.0, 10.5, 11.0, 11.5, 12.0, 12.5, 13.0, 13.5, 14.0 mm	11
GOS1436.11	Universal Insertion Bolt	1
GOS1436.12	Multiangle Tibia Jig	1
GOS1436.13	Wrench	1
GOS1436.14	Driving Head	1
GOS1436.15	Ram Guide Rod	1
GOS1436.16	Ram	1
GOS1436.17	Protection Sleeve	1
GOS1436.18	Pointer	1
GOS1436.19	Drill Sleeve, 4.0 mm	1
GOS1436.20	Drill Sleeve, 3.2 mm	1
GOS1436.21	Drill Bit, 4.0 mm	1
GOS1436.22	Drill Bit, 3.2 mm	1
GOS1436.23	Depth Gauge	1
GOS1436.24	Aiming Trocar	1
GOS1436.25	Fixation Bolt, 3.5 mm	1
GOS1436.26	Fixation Bolt, 4.5 mm	1
GOS1436.27	Hexagonal Screw Driver	1
GOS1436.28	Medullary Tube	1
AGC1436	Aluminium Graphic Case	1

intraHEAL Reamed Humerus Nail

Item Code: HNC6-8

Indications

- Diaphyseal humeral fracture
- Multi-fragment fractures
- Segmental fractures
- Proximal or distal non-unions
- Proximal or distal mal-unions
- Pseudarthrosis
- Corrective osteotomies
- Pathologic and impending pathologic fractures
- Tumor resections



2 Anteroposterior holes for 2.9 mm locking bolts

4-degree lateral bent

2 Mediolateral holes & 1 Anteroposterior hole for 3.9 mm locking bolts

End Cap prevents bony ingrowth

Features

- Small caliber, cannulated implant inserted after reaming helps in reducing the hoop stress formation
- Stability is increased with the reamed technique, because the nail fits snugly in a longer portion of the humeral shaft
- Compression can be achieved with distal locking and reverse hammering using nail insertion instrumentation
- Universal nail for right & left humerus
- Available in both Titanium and Stainless Steel

Sizes Available

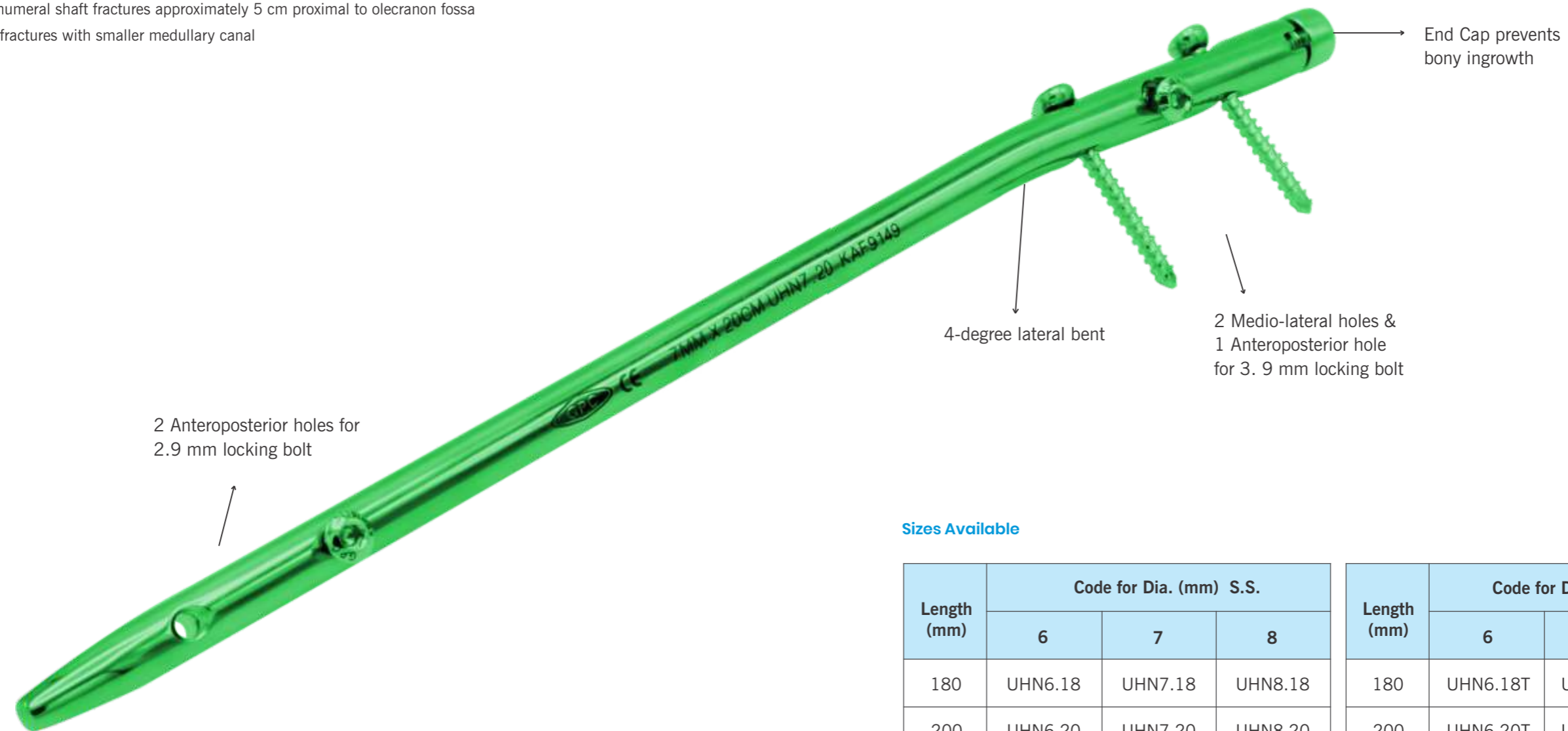
Length (mm)	Code for Dia. (mm) S.S.			Length (mm)	Code for Dia. (mm) Titanium		
	6	7	8		6	7	8
180	HNC6.18	HNC7.18	HNC8.18	180	HNC6.18T	HNC7.18T	HNC8.18T
200	HNC6.20	HNC7.20	HNC8.20	200	HNC6.20T	HNC7.20T	HNC8.20T
220	HNC6.22	HNC7.22	HNC8.22	220	HNC6.22T	HNC7.22T	HNC8.22T
240	HNC6.24	HNC7.24	HNC8.24	240	HNC6.24T	HNC7.24T	HNC8.24T
260	HNC6.26	HNC7.26	HNC8.26	260	HNC6.26T	HNC7.26T	HNC8.26T
280	HNC6.28	HNC7.28	HNC8.28	280	HNC6.28T	HNC7.28T	HNC8.28T
300	HNC6.30	HNC7.30	HNC8.30	300	HNC6.30T	HNC7.30T	HNC8.30T

intraHEAL Unreamed Humerus Nail

Item Code: UHN6-8

Indications

- Diaphyseal or humeral shaft fractures approximately 5 cm proximal to olecranon fossa
- Humeral shaft fractures with smaller medullary canal



Features

- Since the nail is solid, there is reduced risk of pulmonary dysfunction from embolized medullary debris
- No disruption of medullary blood supply
- Decreased dead space reduces the risk of infection
- Compression can be achieved with distal locking and reverse hammering using nail insertion instrumentation
- Universal nail for right & left humerus
- Available in both Titanium and Stainless Steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.			Length (mm)	Code for Dia. (mm) Titanium		
	6	7	8		6	7	8
180	UHN6.18	UHN7.18	UHN8.18	180	UHN6.18T	UHN7.18T	UHN8.18T
200	UHN6.20	UHN7.20	UHN8.20	200	UHN6.20T	UHN7.20T	UHN8.20T
220	UHN6.22	UHN7.22	UHN8.22	220	UHN6.22T	UHN7.22T	UHN8.22T
240	UHN6.24	UHN7.24	UHN8.24	240	UHN6.24T	UHN7.24T	UHN8.24T
260	UHN6.26	UHN7.26	UHN8.26	260	UHN6.26T	UHN7.26T	UHN8.26T
280	UHN6.28	UHN7.28	UHN8.28	280	UHN6.28T	UHN7.28T	UHN8.28T
300	UHN6.30	UHN7.30	UHN8.30	300	UHN6.30T	UHN7.30T	UHN8.30T



Locking Bolt, 3.9 mm (Proximal Locking)  
(Item Code: ILB39)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB39.20 - ILB39.60	ILB39.20T - ILB39.60T



Locking Bolt, 2.9 mm (Distal Locking)  
(Item Code: ILB29)

Length	Stainless Steel	Titanium
16 mm - 52 mm	ILB29.16 - ILB39.52	ILB29.16T - ILB29.52T

End Cap

(Item Code: ECHN58)



Dia. (mm)	Ext. (mm)	Code	
		S.S.	Titanium
5.5	0.0	ECHN58.00	ECHN58.00T
8.0	5.0	ECHN58.05	ECHN58.05T
8.0	10.0	ECHN58.10	ECHN58.10T
8.0	15.0	ECHN58.15	ECHN58.15T

Instrument Set for intraHEAL Reamed Humerus Nail (Item Code: GOS1428)



Instrument Set for intraHEAL Unreamed Humerus Nail (Item Code: GOS1427)



GOS1428	Content	Quantity
KSN52	Bone Awl, Small	1
GRO66	Reaming Rod with Staggered Olive	1
GR66	Guide Rod 2.0 mm x 950 mm	1
HNI13	Guide Wire Holding Forceps	1
TP60	Tissue Protector	1
HJ1428	Humerus Jig with Handle	1
IBN89.HC	Insertion Bolt, Cannulated	1
HNI11	Driving Head	1
R120	Ram	1
R121	Ram Guide Rod	1
W70	Wrench	1
PSL793	Protection Sleeve	1
P755	Pointer	1
AT109	Aiming Trocar	1
DS715.22	Drill Sleeve 2.2 mm	1
DB22	Drill Bit 2.2 mm	1
DB32	Drill Bit 3.2 mm	1
C-ILBS747.35	Hexagonal Screwdriver, 3.5 mm	1
C-ILBS747.45	Hexagonal Screwdriver, 4.5 mm	1
IBS708	Depth Gauge, Large	1
DGI708	Depth Gauge for Nail	1
DS715.32	Drill Sleeve 3.2 mm	1
MT72	Medullary Tube	1
FRFH.06	Flexible Reamer Fixed Head 6 mm	1
FRFH.07	Flexible Reamer Fixed Head 7 mm	1
FRFH.08	Flexible Reamer Fixed Head 8 mm	1
FRFH.09	Flexible Reamer Fixed Head 9 mm	1
AGC1427	Aluminium Graphic Case	1

GOS1427	Content	Quantity
KSN52	Bone Awl, Small	1
TP60	Tissue Protector	1
HJ1427	Humerus Jig with Handle	1
IBN89.H	Insertion Bolt for Humerus	1
HNI11	Driving Head	1
R120	Ram	1
R121	Ram Guide Rod	1
W70	Wrench	1
PSL793	Protection Sleeve	1
P755	Pointer	1
DS715.22	Drill Sleeve 2.2 mm	1
DB22	Drill Bit 2.2 mm	1
DB32	Drill Bit 3.2 mm	1
C-ILBS747.35	Hexagonal Screwdriver, 3.5 mm	1
C-ILBS747.45	Hexagonal Screwdriver, 4.5 mm	1
DGI708	Depth Gauge, Large	1
DS715.32	Drill Sleeve 3.2 mm	1
KNI73.06	Nail Reamer 6 mm	1
KNI73.07	Nail Reamer 7 mm	1
KNI73.08	Nail Reamer 8 mm	1
AGC1427	Aluminium Graphic Case	1



intraHEAL Reamed Humerus Nail - Omni

Item Code: HNC01462

The intraHEAL Reamed Humerus Nail- Omni are cannulated nails that can be inserted in the humeral shaft in both antegrade or retrograde directions & can be used universally for the left & the right humerus.

Indications

- Diaphyseal fractures of the humeral shaft
- Proximal humerus fractures with diaphyseal extension
- Impending pathological fractures

Compression features

Interfragmentary Compression can be achieved in the following types of humeral shaft fractures-

- Transverse Fractures
- Short Oblique fractures

Features

- Universal nail for antegrade or retrograde approach & for left & right humerus
- The special alignment of holes in the nail ensures optimal positioning of locking bolts in both the approaches
- 5° lateral bend located 55 mm from the proximal end allows an off axis entry site to help minimize damage to the articular surface
- Cannulated nail with a round cross-section
- Compression locking of cannulated nail can help close a transverse or short oblique gap that is up to 8 mm wide
- Small calibre, cannulated implant inserted after reaming helps in reducing the hoop stress formation
- Available in both Titanium and Stainless Steel

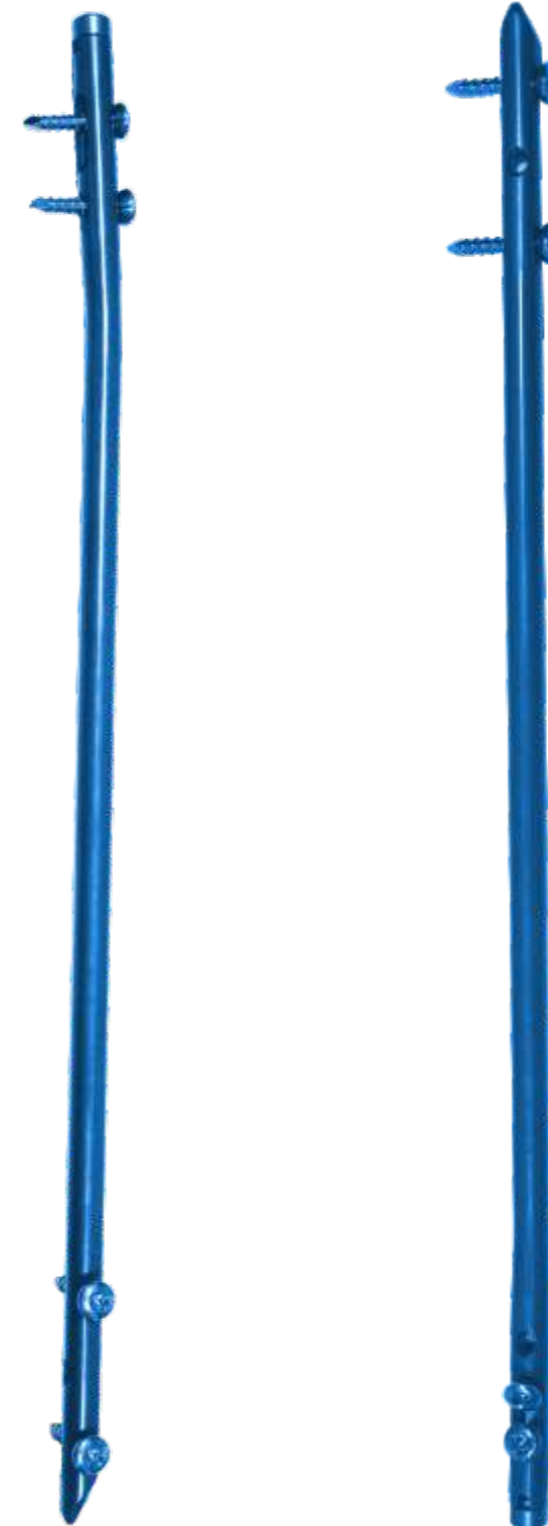
Sizes Available

Length (mm)	Code for Dia. (mm) S.S.	
	6.7 mm	7.5 mm
180	HNC0.67.18	HNC0.75.18
200	HNC0.67.20	HNC0.75.20
220	HNC0.67.22	HNC0.75.22
240	HNC0.67.24	HNC0.75.24
260	HNC0.67.26	HNC0.75.26
280	HNC0.67.28	HNC0.75.28
300	HNC0.67.30	HNC0.75.30
320	HNC0.67.32	HNC0.75.32

For Titanium, please affix 'T' after the above code number.

Antegrade Approach

Retrograde Approach



intraHEAL Unreamed Humerus Nail - Omni

Item Code: UHN01461

The intraHEAL Reamed Humerus Nail- Omni are solid nails that can be inserted in the humeral shaft in both antegrade or retrograde directions & can be used universally for the left & the right humerus.

Indications

Diaphyseal or humeral shaft fractures approximately 5 cm proximal to the olecranon fossa with closed epiphyseal lines for:

- Stable & Unstable fractures
- Pathological fractures
- Refractures with delayed healing & pseudoarthrosis

Compression features

Interfragmentary Compression can be achieved in the following types of humeral shaft fractures-

- Transverse fractures
- Short oblique fractures

Compression should not be applied in the following fractures- spiral fractures, long oblique fractures & longitudinally unstable fractures.

Features

- Universal nail for antegrade or retrograde approach & for left & right humerus
- The special alignment of holes in the nail ensures optimal positioning of locking bolts in both the approaches
- 5° lateral bend located 55 mm from the proximal end allows an off axis entry site to help minimize damage to the articular surface
- Cannulated nail with a round cross-section
- Compression locking of cannulated nail can help close a transverse or short oblique gap that is up to 8 mm wide
- Small calibre, cannulated implant inserted after reaming helps in reducing the hoop stress formation
- Available in both titanium & stainless steel

Sizes Available

Length (mm)	Code for Dia. (mm) S.S.	
	6.7 mm	7.5 mm
180	UHNO.67.18	UHNO.75.18
200	UHNO.67.20	UHNO.75.20
220	UHNO.67.22	UHNO.75.22
240	UHNO.67.24	UHNO.75.24
260	UHNO.67.26	UHNO.75.26
280	UHNO.67.28	UHNO.75.28
300	UHNO.67.30	UHNO.75.30
320	UHNO.67.32	UHNO.75.32

For Titanium, please affix 'T' after the above code number.

Antegrade Approach



Retrograde Approach





**Locking Bolt, 3.4 mm (Proximal & Distal Locking)**  
(Item Code: ILB34)

Length	Stainless Steel	Titanium
20 mm - 60 mm	ILB34.20 - ILB34.60	ILB34.20T - ILB34.60T



**End Cap**  
(Item Code: ECHNO)

Ext. (mm)	Code	
	S.S.	Titanium
0.0	ECHNO.00	ECHNO.00T
5.0	ECHNO.05	ECHNO.05T
10.0	ECHNO.10	ECHNO.10T
15.0	ECHNO.15	ECHNO.15T

**Instrument Set for intraHEAL Reamed Humerus Nail - Omni**  
(Item Code: GOS1462)



GOS1462	Content	Quantity
GOS1462.01	Proximal Jig	1
GOS1462.02	Insertion Bolt	1
GOS1462.03	Compression Device, Set of 3 Pcs	1
GOS1462.04	Projective Reamer Quick Coupling	1
GOS1462.05	Cannulated Reamer	1
GOS1462.06	Cannulated Guide Rod	1
GOS1462.07	Hammering Device for Guide Rod	1
GOS1462.08	Socket Wrench 11 mm	1
GOS1462.09	Protection Sleeve 8 mm	1
GOS1462.10	Drill Sleeve 2.7 mm	1
GOS1462.11	Trocar	1
GOS1462.12	Screw Driver, 3.5 mm	1
GOS1462.13	Drill Bit 2.7 mm x 8"	2
GOS1462.14	Depth Gauge	1
GOS1462.15	Quick Coupling Tap Handle	1
GOS1462.16	Guide wire, 2.5 mm x 300 mm	5
GOS1462.17	Guide wire, 2.0 mm x 500 mm	2
<b>Optional Instruments</b>		
GOS1462.18	Distal Jig - Side Locking	1
GOS1462.19	Distal Jig - Front Locking	1
GOS1462.20	Nut	1
GOS1462.21	Spanner	1
GOS1462.22	Bolt	1

**Instrument Set for intraHEAL Unreamed Humerus Nail - Omni**  
(Item Code: GOS1461)



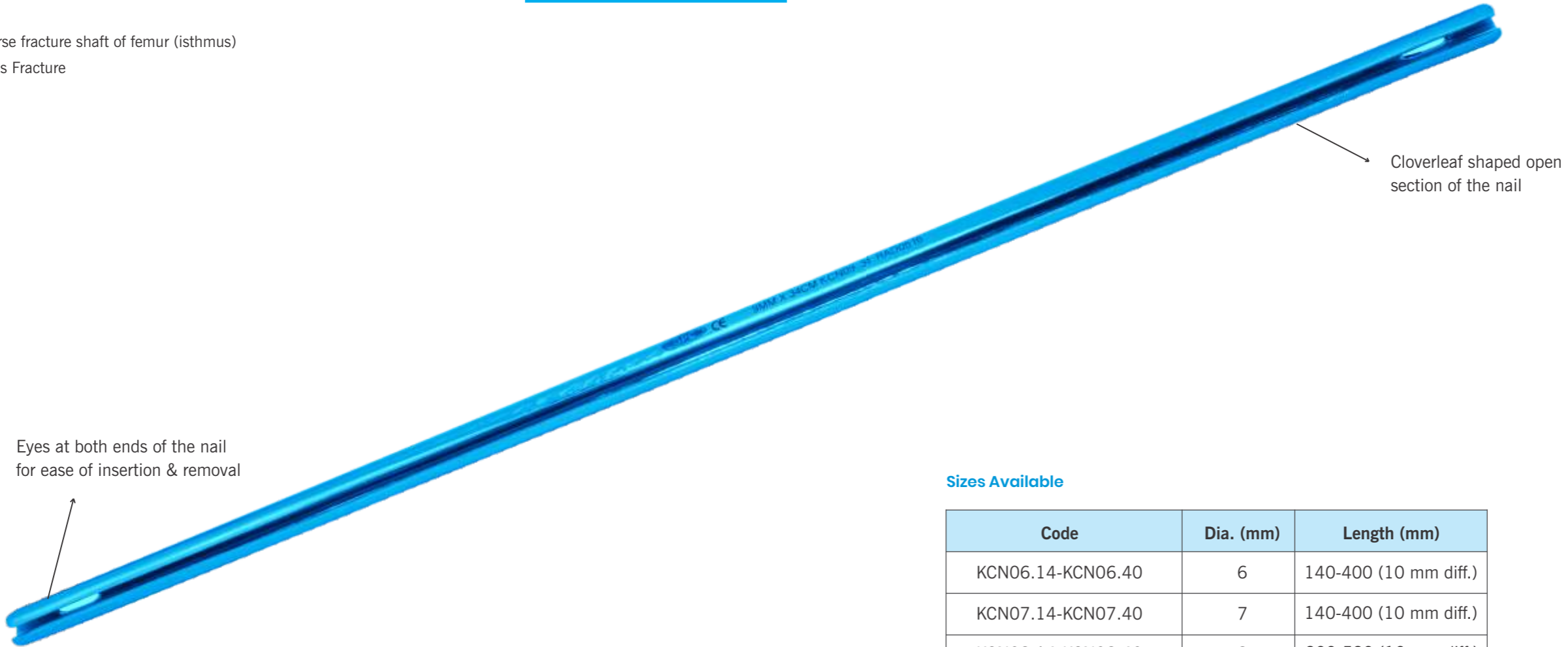
GOS1461	Content	Quantity
GOS1461.01	Proximal Jig	1
GOS1461.02	Insertion Bolt	1
GOS1461.03	Compression Device, Set of 3 Pcs	1
GOS1461.04	Projective Reamer Quick Coupling	1
GOS1461.05	Cannulated Reamer	1
GOS1461.06	Extractor- Impactor	1
GOS1461.07	Slotted Hammer	1
GOS1461.08	Socket Wrench 11 mm	1
GOS1461.09	Combination Wrench 11 mm (Spanner)	1
GOS1461.10	Protection Sleeve 8 mm	1
GOS1461.11	Drill Sleeve 2.7 mm	1
GOS1461.12	Trocar	1
GOS1461.13	Screw Driver, 3.5 mm	1
GOS1461.14	Drill Bit 2.7 mm x 8"	2
GOS1461.15	Depth Gauge	1
GOS1461.16	Quick Coupling Tap Handle	1
GOS1461.17	Guide wire Dia, 2.5 mm x 300 mm	5
<b>Optional Instruments</b>		
GOS1461.18	Distal Jig - Side Locking	1
GOS1461.19	Distal Jig - Front Locking	1
GOS1461.20	Nut	1
GOS1461.21	Spanner	1
GOS1461.22	Bolt	1

intraHEAL Kuntschers Cloverleaf Nail (K Nail)

Item Code: KCN06

Indications

- Transverse fracture shaft of femur (isthmus)
- Humerus Fracture



Features

- Non interlocking nail
- Straight nail inserted in a curved bone gives 3-point fixation stability
- Clover leaf shaped- open section of the nail gets transversely compressed upon insertion which then exerts reactionary forces and keeps the fracture stable
- Eye at both ends helps in both insertion and extraction of nail
- In stable fractures, it provides circumferential compression at the fracture site and transferring axial load to the bone
- Reaming increases the area of bone metal interface contact thus increasing grip strength
- Solid reamers are used
- Does not confer rotational stability

Sizes Available

Code	Dia. (mm)	Length (mm)
KCN06.14-KCN06.40	6	140-400 (10 mm diff.)
KCN07.14-KCN07.40	7	140-400 (10 mm diff.)
KCN08.14-KCN08.40	8	200-520 (10 mm diff.)
KCN09.20-KCN09.52	9	200-520 (10 mm diff.)
KCN10.20-KCN10.52	10	200-520 (10 mm diff.)
KCN11.20-KCN11.52	11	200-520 (10 mm diff.)
KCN12.20-KCN12.52	12	200-520 (10 mm diff.)
KCN13.20-KCN13.52	13	200-520 (10 mm diff.)
KCN14.20-KCN14.52	14	200-520 (10 mm diff.)
KCN15.20-KCN15.52	15	200-520 (10 mm diff.)
KCN16.20-KCN16.52	16	200-520 (10 mm diff.)
KCN17.20-KCN17.52	17	200-520 (10 mm diff.)



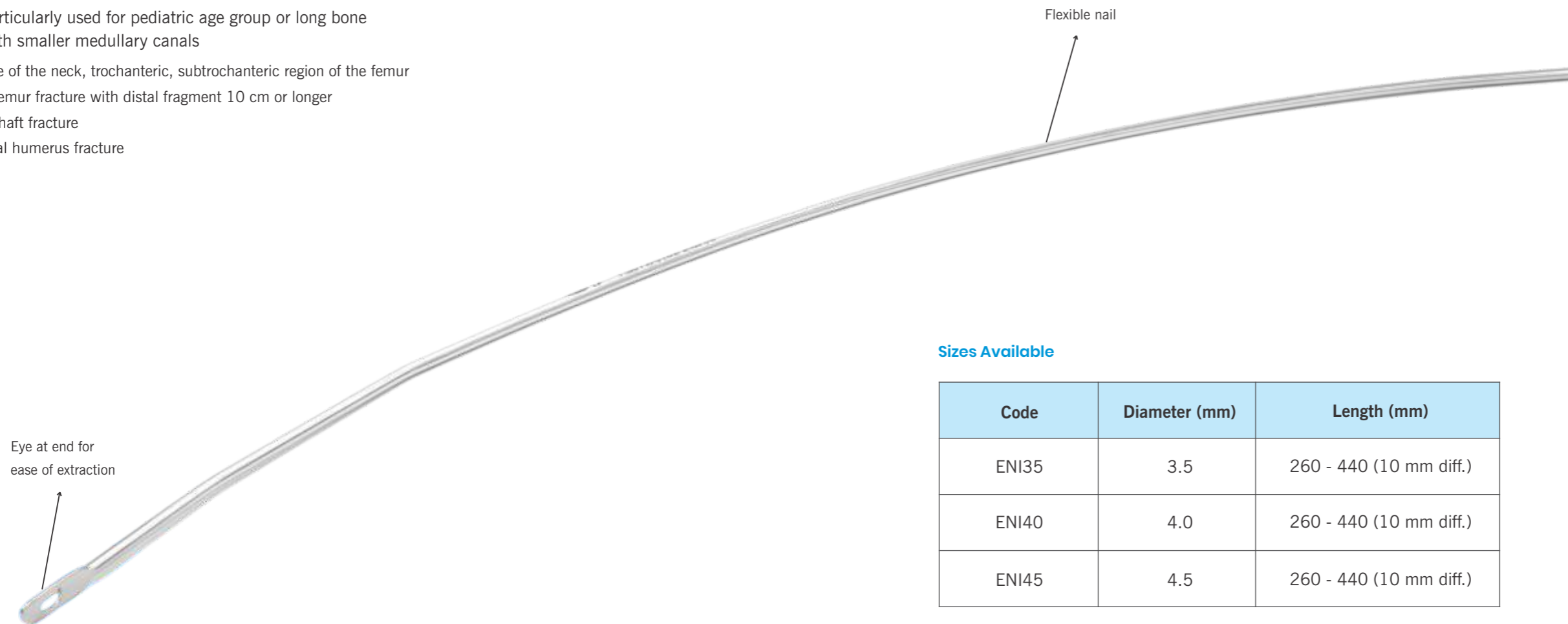
intraHEAL Ender's Nail

Item Code: ENI35

Indications

They are particularly used for pediatric age group or long bone fractures with smaller medullary canals

- Fracture of the neck, trochanteric, subtrochanteric region of the femur
- Distal femur fracture with distal fragment 10 cm or longer
- Tibial shaft fracture
- Proximal humerus fracture



Sizes Available

Code	Diameter (mm)	Length (mm)
ENI35	3.5	260 - 440 (10 mm diff.)
ENI40	4.0	260 - 440 (10 mm diff.)
ENI45	4.5	260 - 440 (10 mm diff.)

Features

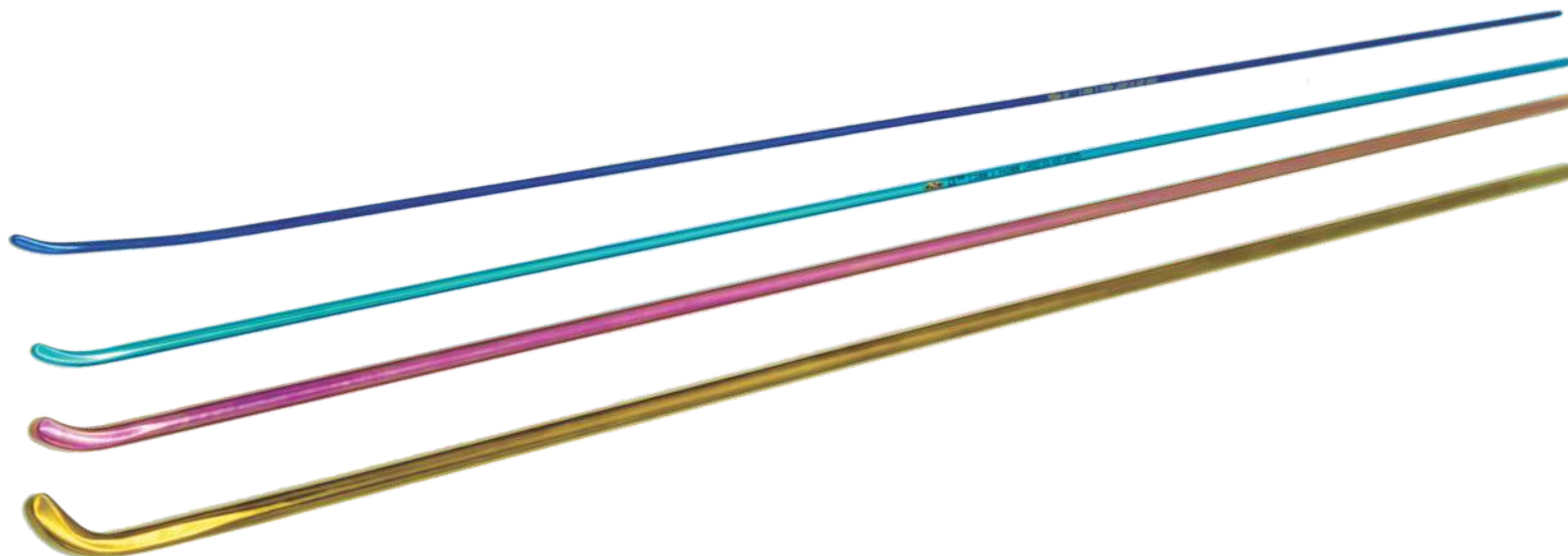
- Non interlocking flexible pins or rods
- Works on the principle of 3 to 4 point fixation
- Apex of the curvature of nail lies at the fracture site
- Equilibrium between the tensioned pins and the bone with its attached soft tissues hold the alignment
- Blunt ends ensure safe insertion as it slides over the cortex, and prevents perforation of the cortex
- Ideally used in a pair
- Small diameter, and solid nail gives elastic nature to the nail
- Allows micro-motion at the fracture site, helping in rapid fracture healing
- In case of wider medullary canal, stack nailing technique can be used
- Can be kept flush with the outer cortex of the bone
- Has an eye at flange end which facilitates easy extraction under local anesthesia
- Lower infection rates
- Easy insertion technique with minimal instrumentation

intraHEAL Titanium Elastic Nail (TENS)

Item Code: TNI02

Indications

- Diaphyseal long bone fracture (pediatric age group)
- Long bone fracture with smaller medullary canal



Features

- Non interlocking nail
- Nail are made up of titanium
- Works on the principle of 3 point fixation
- Small diameter, solid nail, and titanium material gives elastic nature to the nail
- Apex of the curvature of nail lies at the fracture site
- Blunt ends ensure safe insertion as it slides over the cortex, and prevents perforation of the cortex
- Ideally used in a pair
- In case of wider medullary canal, stack nailing technique/bundle nailing can be used
- Easy extraction under local anesthesia
- Lower infection rates
- Allows micro-motion at the fracture site, helping in rapid fracture healing
- Easy insertion technique with minimal instrumentation
- Colour coded nails facilitate easy recognition of size of nail

Sizes Available

Code	Dia. (mm)
TNI02.20	2.0
TNI02.25	2.5
TNI02.30	3.0
TNI02.35	3.5
TNI02.40	4.0

**Instrument Set for intraHEAL Ender's Nail**

(Item Code: GOS1450)



GOS1450	Content	Quantity
KSN52	Bone Awl	1
KSN54	Introducer	1
KSN55	Bender	2
KSN60	Extractor	1
KSN51	Slotted Hammer	1
KSN56	Bending Fixator	1
AGC1450	Aluminium Graphic Case	1

**Instrument Set for intraHEAL TENS**

(Item Code: EN1436)



EN1436	Content	Quantity
KSN59	Slotted Hammer for Introducing Rod	1
KSN58	S.S. Chuck & Key for Introducing Rod	1
KSN57	Introducing Rod	1
KSN53	Punch for Nail, Straight (2.5, 3.0, 3.5, 4.0, 4.5 mm)	5
AGC1436	Aluminium Graphic Case	1

**Instrument Set For intraHEAL K-Nail**

(Item Code: KNI1501)



KNI1501	Content	Quantity
KNI62.S	Diamond Pointed Awl	1
KNI76	Extractor with Two Hooks	1
KNI78	Extra Hook for Nail Extractor	1
KNI74	Driver	1
KNI71	Nail Set	1
KNI75	Punch, Slotted	1
KNI66	Gauge for Nail	1
KNI77	Guide Wire for Nail	
	7/64 x 14" (2.7 mm)	1
	5/32 x 14" (4.0 mm)	1
	3/16 x 14" (4.8 mm)	1
KNI73	K Nail Reamer	
KNI73.07 - KNI73.13	7, 8, 9, 10, 11, 12, 13 mm	7
AGC1501	Aluminium Graphic Case	1



# Pins, Wires & Staples



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### WIRES & PINS

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Wires & Pins are most common implants that are used in Orthopaedic Surgery. They can be broadly classified as- Soft Wires & Hard Wires/Pins.

**SOFT WIRES**

Soft Wires or Cerclage Wires are also known as Orthopaedic Wires. They are malleable, thus can easily be cut, twisted or tightened. These are made of stainless steel.

**Indications**

- Surgical fracture repairs
- Tension wire banding
- Temporary fixation during open reduction
- Re-attachment of greater trochanter following osteotomies in total hip arthroplasty & fractures

**Cerclage Wire Loop**

**(Item Code: PS924)**



Code	Dia. (mm)
PS924.080	0.80
PS924.090	0.90
PS924.100	1.00
PS924.125	1.25
PS924.150	1.50

These are available in standard length of 280 mm.

Customised lengths also available.

**Wire Roll – 3 meter**

**(Item Code: PS912)**



Code	Dia. (mm)
PS912.038	0.38
PS912.045	0.45
PS912.055	0.55
PS912.080	0.80
PS912.100	1.00
PS912.120	1.20
PS912.150	1.50

**Wire Roll- 10 meter**

**(Item Code: PS915)**



Code	Dia. (mm)
PS915.038	0.38
PS915.045	0.45
PS915.055	0.55
PS915.080	0.80
PS915.100	1.00
PS915.120	1.20
PS915.150	1.50

**HARD WIRES**

Hard wires include the Kirschner wires, pins etc. They are stiffer & much harder to cut. Wires are usually of smaller dia. ranging from 1.0 mm to 3.0 mm. Pins are usually thicker & have dia. ranging from 3.0 mm to 5.0 mm.

Wires or Pins have pointed tip/trocar (one side or both), which makes it easier to insert. These are usually made of stainless steel.

**Indications**

- Stand alone devices for fracture fixations
- Fracture fixations used in conjunction with other implants

**Kirschner Wire, Single Ended**

(Item Code: PS911S)

Code	Length 150 mm	Code	Length 300 mm
PS911S.010.150	Dia. 1.0 mm	PS911S.010.300	Dia. 1.0 mm
PS911S.015.150	Dia. 1.5 mm	PS911S.015.300	Dia. 1.5 mm
PS911S.020.150	Dia. 2.0 mm	PS911S.020.300	Dia. 2.0 mm
PS911S.025.150	Dia. 2.5 mm	PS911S.025.300	Dia. 2.5 mm
PS911S.030.150	Dia. 3.0 mm	PS911S.030.300	Dia. 3.0 mm
PS911S.035.150	Dia. 3.5 mm	PS911S.035.300	Dia. 3.5 mm
PS911S.040.150	Dia. 4.0 mm	PS911S.040.300	Dia. 4.0 mm
PS911S.045.150	Dia. 4.5 mm	PS911S.045.300	Dia. 4.5 mm
PS911S.050.150	Dia. 5.0 mm	PS911S.050.300	Dia. 5.0 mm



- These wires are also available in Titanium.
- Please add suffix T for ordering titanium wires.
- Customised sizes also available.

**Kirschner Wire, Double Ended**

(Item Code: PS911D)

Code	Length 150 mm	Code	Length 300 mm
PS911D.010.150	Dia. 1.0 mm	PS911D.010.300	Dia. 1.0 mm
PS911D.015.150	Dia. 1.5 mm	PS911D.015.300	Dia. 1.5 mm
PS911D.020.150	Dia. 2.0 mm	PS911D.020.300	Dia. 2.0 mm
PS911D.025.150	Dia. 2.5 mm	PS911D.025.300	Dia. 2.5 mm
PS911D.030.150	Dia. 3.0 mm	PS911D.030.300	Dia. 3.0 mm
PS911D.035.150	Dia. 3.5 mm	PS911D.035.300	Dia. 3.5 mm
PS911D.040.150	Dia. 4.0 mm	PS911D.040.300	Dia. 4.0 mm
PS911D.045.150	Dia. 4.5 mm	PS911D.045.300	Dia. 4.5 mm
PS911D.050.150	Dia. 5.0 mm	PS911D.050.300	Dia. 5.0 mm



- These wires are also available in Titanium.
- Please add suffix T for ordering titanium wires.
- Customised sizes also available.

**Kirschner Wire, Partially Threaded**

(Item Code: PS913P)



Code	Dia. (mm)	Length (mm)	Thread Length (mm)
PS913P.08.150	0.8	150	18
PS913P.10.150	1.0	150	18
PS913P.15.150	1.5	150	18
PS913P.25.150	2.5	150	20
PS913P.15.225	1.5	225	20
PS913P.20.225	2.0	225	20
PS913P.25.225	2.5	225	20

- These wires are also available in Titanium.
- Please add suffix T for ordering titanium wires.
- Customised sizes also available.

**Kirschner Wire, Fully Threaded**

(Item Code: PS913F)



Code	Dia. (mm)	Length (mm)
PS913F.08.150	0.8	150
PS913F.10.150	1.0	150
PS913F.15.150	1.5	150
PS913F.25.150	2.5	150
PS913F.15.225	1.5	225
PS913F.20.225	2.0	225
PS913F.25.225	2.5	225

- These wires are also available in Titanium.
- Please add suffix T for ordering titanium wires.
- Customised sizes also available.

PINS

Steinmann Pin

(Item Code: PS901)



Code					
Length (mm)	Dia. 3.0 mm	Dia. 3.5 mm	Dia. 4.0 mm	Dia. 4.5 mm	Dia. 5.0 mm
150	PS901.30-150	PS901.35-150	PS901.40-150	PS901.45-150	PS901.50-150
175	PS901.30-175	PS901.35-170	PS901.40-175	PS901.45-175	PS901.50-175
200	PS901.30-200	PS901.35-200	PS901.40-200	PS901.45-200	PS901.50-200
225	PS901.30-225	PS901.35-225	PS901.40-225	PS901.45-225	PS901.50-225
300	PS901.30-300	PS901.35-300	PS901.40-300	PS901.45-300	PS901.50-300
350	PS901.30-350	PS901.35-350	PS901.40-350	PS901.45-350	PS901.50-350
400	PS901.30-400	PS901.35-400	PS901.40-400	PS901.45-400	PS901.50-400

Customised sizes also available.

Denham Pin (or Centrally Threaded Steinmann Pin)

(Item Code: PS914)



Code	Dia. (mm)
PS914.40	4.0
PS914.45	4.5
PS914.50	5.0
PS914.60	6.0

Customised sizes also available.

OTHER TYPES OF PINS

Austin Moore Pin with Two Nuts

(Item Code: PS919)



Code	Length (mm)
PS919.50	50
PS919.55	55
PS919.60	60
PS919.65	65
PS919.70	70
PS919.75	75
PS919.80	80
PS919.85	85
PS919.90	90
PS919.95	95
PS919.100	100

Code	Length (mm)
PS919.105	105
PS919.110	110
PS919.115	115
PS919.120	120
PS919.125	125
PS919.130	130
PS919.135	135
PS919.140	140
PS919.145	145
PS919.150	150

Knowles Pin

(Item Code: PS920)



Code		
Length (mm)	Dia. 3.0 mm	Dia. 4.0 mm
65	PS920.03.65	PS920.04.65
70	PS920.03.70	PS920.04.70
75	PS920.03.75	PS920.04.75
80	PS920.03.80	PS920.04.80
85	PS920.03.85	PS920.04.85
90	PS920.03.90	PS920.04.90
95	PS920.03.95	PS920.04.95
100	PS920.03.100	PS920.04.100

Wire Implant & Instrument Set

(Item Code: GOS1412)



Item Code	Content	Quantity
IPW942	Wire Tightener Handle and Two Pegs	1
IPW952	Plier cum Bender cum Cutter	1
IPW 961.06	Wire Bending Pliers, (Maun ) 6"	1
IPW945.02	Wire Passer, Medium	2
IPW959	Vice Grip	1
IPW960	Forceps for Holding Cerclage Wire	2
	<b>IMPLANTS</b>	
PS924.19	Cerclage Wire with Eye of dia. 1.0, length 280 mm	10
PS924.18	Cerclage Wire with Eye of dia. 1.25, length 280 mm	20
PS912	Suture Wire, each of 1.0 and 1.25 mm dia.	2
PS911D.010.150	K-Wire Dia. 1.0, Length 150 mm	10
PS911D.012.150	K-Wire Dia. 1.25, Length 150 mm	10
PS911D.015.150	K-Wire Dia. 1.5, Length 150 mm	20
PS911D.020.150	K-Wire Dia. 2.0, Length 150 mm	10
PS911D.025.150	K-Wire Dia. 2.5, Length 150 mm	10
PS911D.030.150	K-Wire Dia. 3.0, Length 150 mm	10
AGC1412	Aluminium Graphic case	1

Wire Cutter

(Item Code: IPW956)



Jumbo Cutter

(Item Code: IPW958)



Code	Length (Inches)
IPW958.18	18
IPW958.24	24

Wire Passer

(Item Code: IPW945)

Code	Length
IPW945.01	Small
IPW945.02	Medium
IPW945.03	Large



Wire Bender

(Item Code: IPW950)



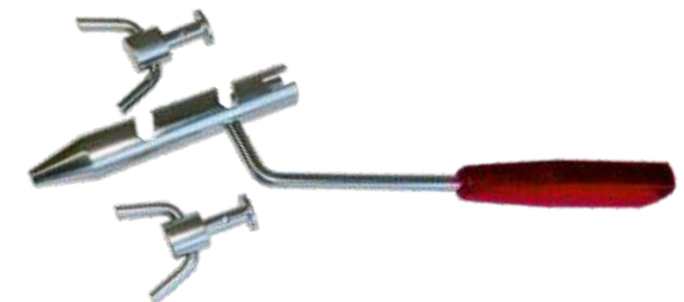
Wire Twister

(Item Code: IPW940)



Wire Twister with Two Pegs

(Item Code: IPW942)





**Wire Tightener cum Twister cum Cutter**

(Item Code: IPW953)



**Wire Tightening Forceps (A.O. Type)**

(Item Code: IPW949)



**Plier cum Bender cum Cutter**

(Item Code: IPW952)



**Cerclage Wire Holding Forceps**

(Item Code: IPW960)



**K-Wire Bender**

(Item Code: IPW946)



**Vice Grip**

(Item Code: IPW959)



Bone Staples are low profile implants that are in the shape of a hook, with sharp conical points. The shape & the size of the Staples is selected by the surgeon, based on the extent of osteotomy.

**Indications**

- Fractures, osteotomies, arthrodesis of hand & foot
- Fixation of proximal tibial metaphysis osteotomy
- May also be used to fix small fragments of long bones

**Blount Staples**

(Item Code: SSI1110)



Code				
Width (mm)	Dia 1.5 mm	Dia 2.0 mm	Dia 2.5 mm	Dia 3.0 mm
15	SSI1110.15-15	SSI1110.20-15	SSI1110.25-15	SSI1110.30-15
20	SSI1110.15-20	SSI1110.20-20	SSI1110.25-20	SSI1110.30-20
25	SSI1110.15-25	SSI1110.20-25	SSI1110.25-25	SSI1110.30-25
30	SSI1110.15-30	SSI1110.20-30	SSI1110.25-30	SSI1110.30-30

**Coventry Staples**

(Item Code: SSI1111)



Code	Step (mm)
SSI1111.05	5
SSI1111.10	10
SSI1111.15	15

**Thorny Staples**

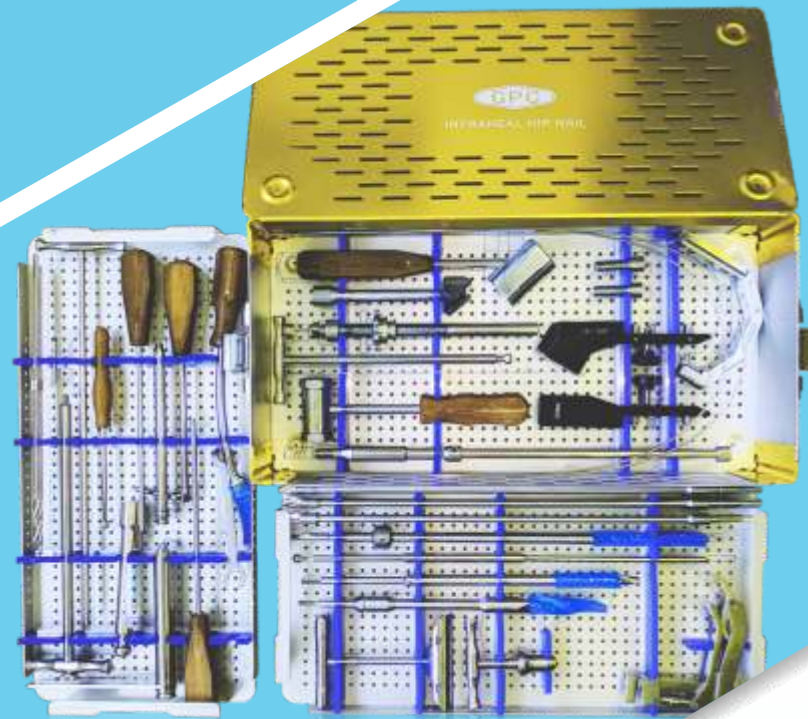
(Item Code: SSI1112)



Code	Length (mm)
SSI1112.10	10
SSI1112.12	12
SSI1112.20	20



# ORTHOPAEDIC INSTRUMENTS



ISO 13485 • CE

**Precise**  
**Perfect**  
**Persistent**



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**Curette, Volkman Double Ended (Set of 3)**  
(Item Code: COG801)



Code	Dia. (mm)
COG801.04	4x6
COG801.06	6x9
COG801.09	9x12

**Burn Bone Curette**  
(Item Code: COG802)



Code	Dia. (mm)
COG802.03	3
COG802.04	4
COG802.05	5
COG802.07	7
COG802.08	8
COG802.10	10
COG802.11	11
COG802.12	12
COG802.15	15

**Curette with Fibre Handle**  
(Item Code: COG803)



Code	Dia. (mm)
COG803.03	3
COG803.04	4
COG803.05	5
COG803.07	7
COG803.08	8
COG803.10	10
COG803.11	11
COG803.12	12
COG803.15	15

**Chisel Stille Type - Straight & Curved**  
(Item Code: COG804)



Code		Width (mm)
Straight	Curved	
COG804.05S	COG804.05C	5
COG804.06S	COG804.06C	6
COG804.08S	COG804.08C	8
COG804.10S	COG804.10C	10
COG804.12S	COG804.12C	12
COG804.15S	COG804.15C	15
COG804.16S	COG804.16C	16
COG804.18S	COG804.18C	18
COG804.20S	COG804.20C	20
COG804.22S	COG804.22C	22
COG804.24S	COG804.24C	24
COG804.25S	COG804.25C	25
COG804.30S	COG804.30C	30

**Chisel With Fibre Handle - Straight & Curved**  
(Item Code: COG805)



Code		Width (mm)
Straight	Curved	
COG805.05S	COG805.05C	5
COG805.06S	COG805.06C	6
COG805.08S	COG805.08C	8
COG805.10S	COG805.10C	10
COG805.12S	COG805.12C	12
COG805.15S	COG805.15C	15
COG805.16S	COG805.16C	16
COG805.18S	COG805.18C	18
COG805.20S	COG805.20C	20
COG805.22S	COG805.22C	22
COG805.24S	COG805.24C	24
COG805.25S	COG805.25C	25
COG805.30S	COG805.30C	30



**Osteotomes Stille Type – Straight & Curved**  
(Item Code: COG806)

Code		Width (mm)
Straight	Curved	
COG806.05S	COG806.05C	5
COG806.06S	COG806.06C	6
COG806.08S	COG806.08C	8
COG806.10S	COG806.10C	10
COG806.12S	COG806.12C	12
COG806.15S	COG806.15C	15
COG806.16S	COG806.16C	16
COG806.18S	COG806.18C	18
COG806.20S	COG806.20C	20
COG806.22S	COG806.22C	22
COG806.24S	COG806.24C	24
COG806.25S	COG806.25C	25
COG806.30S	COG806.30C	30



**Gouge Stille Type – Straight & Curved**  
(Item Code: COG808)

Code		Width (mm)
Straight	Curved	
COG808.05S	COG808.05C	5
COG808.06S	COG808.06C	6
COG808.08S	COG808.08C	8
COG808.10S	COG808.10C	10
COG808.12S	COG808.12C	12
COG808.15S	COG808.15C	15
COG808.16S	COG808.16C	16
COG808.18S	COG808.18C	18
COG808.20S	COG808.20C	20
COG808.22S	COG808.22C	22
COG808.24S	COG808.24C	24
COG808.25S	COG808.25C	25
COG808.30S	COG808.30C	30



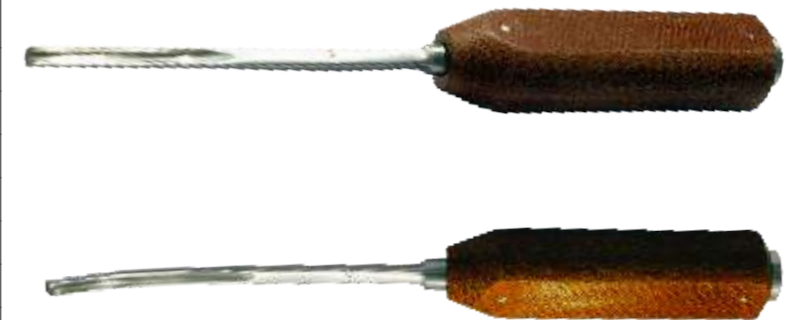
**Osteotomes with Fibre Handle – Straight & Curved**  
(Item Code: COG807)

Code		Width (mm)
Straight	Curved	
COG807.05S	COG807.05C	5
COG807.06S	COG807.06C	6
COG807.08S	COG807.08C	8
COG807.10S	COG807.10C	10
COG807.12S	COG807.12C	12
COG807.15S	COG807.15C	15
COG807.16S	COG807.16C	16
COG807.18S	COG807.18C	18
COG807.20S	COG807.20C	20
COG807.22S	COG807.22C	22
COG807.24S	COG807.24C	24
COG807.25S	COG807.25C	25
COG807.30S	COG807.30C	30



**Gouge with Fibre Handle – Straight & Curved**  
(Item Code: COG809)

Code		Width (mm)
Straight	Curved	
COG809.05S	COG809.05C	5
COG809.06S	COG809.06C	6
COG809.08S	COG809.08C	8
COG809.10S	COG809.10C	10
COG809.12S	COG809.12C	12
COG809.15S	COG809.15C	15
COG809.16S	COG809.16C	16
COG809.18S	COG809.18C	18
COG809.20S	COG809.20C	20
COG809.22S	COG809.22C	22
COG809.24S	COG809.24C	24
COG809.25S	COG809.25C	25
COG809.30S	COG809.30C	30



**Howarth Elevator Double**  
(Item Code: COG813)



**Smith Peterson Osteotome**  
(Item Code: COG815)



**Retractor, Beckman Adson**  
(Item Code: REH1005)

Code	Size
REH1005.08	Small 8"
REH1005.10	Medium 10"
REH1005.11.5	Large 11 1/2 "
REH1005.15	Extra Large 15"



**Retractor, Bristow's**  
(Item Code: REH1010)



**Retractor, Langenbeck**  
(Item Code: REH1030)

Code	Blade Length
REH1030.01	Small
REH1030.02	Medium
REH1030.03	Large



**Retractor, Nerve Root**  
(Item Code: REH1031)



**Retractor, Volkman's**  
(Item Code: REH1032)

Code	Prongs
REH1032.02	2
REH1032.03	3
REH1032.04	4
REH1032.05	5



**Double Hook Retractor**  
(Item Code: REH1033)



**Retractor, Senn Miller**  
(Item Code: REH1034)



**Retractor and Elevator, Bennett's**  
(Item Code: REH1035)



**Charnley Hip Retractor with Weight & Chain**  
(Item Code: REH1036)



**Periosteal Elevator, Doyen's**  
(Item Code: REH1037)



**Lever For Bone, Lanes Type S.S. With Serrated End**  
(Item Code: REH1041)



**Lever For Bone, Lanes Type**  
(Item Code: REH1043)

Code	Size
REH1043.S	Small
REH1043.L	Large



**Lever For Bone, Trethowan's Type**  
(Item Code: REH1045)



**Hook for Bone (A.O. Type)**  
(Item Code: REH1049)

Code	Blade Length
REH1049.S	Small
REH1049.M	Medium
REH1049.L	Large



**Periosteal Elevator - (Farabeuf) S.S.**  
(Item Code: REH1052)

Code		Size (mm)
Straight	Curved	
REH1052.06S	REH1052.06C	6
REH1052.08S	REH1052.08C	8
REH1052.10S	REH1052.10C	10
REH1052.12S	REH1052.12C	12
REH1052.14S	REH1052.14C	14
REH1052.16S	REH1052.16C	16



**Mc Donald's Retractor**  
(Item Code: REH1060)



**Periosteal Elevator Double Ended - Small & Large**  
(Item Code: REH1061)



**Skin Hook - Two Prongs**  
(Item Code: REH1063)



**Skin Hook - Three Prongs**  
(Item Code: REH1051)



**Skin Hook - One Prong**  
(Item Code: REH1062)



**Sharp Hook**  
(Item Code: REH1053)



**Hohmann Retractor**  
(Item Code: REH1064)



Code	Size
REH1064.06.160	Hohmann Retractor 6 mm Wide, Short Narrow Point, Length 160 mm
REH1064.08.160	Hohmann Retractor 8 mm Wide, Short Narrow Point, Length 160 mm
REH1064.15.160	Hohmann Retractor 15 mm Wide, Length 160 mm
REH1064.08.220	Hohmann Retractor 8 mm Wide, Short Narrow Tip, Length 220 mm
REH1064.18.235S	Hohmann Retractor 18 mm Wide, Short Narrow Tip, Length 235 mm
REH1064.18.235L	Hohmann Retractor 18 mm Wide, Long Narrow Tip, Length 235 mm
REH1064.22.250	Hohmann Retractor 22 mm Wide, With Wide Tip, Length 250 mm
REH1064.24.270	Hohmann Retractor 24 mm Wide, With Long Wide Tip, Length 270 mm
REH1064.43.240	Hohmann Retractor 43 mm Wide, Length 240 mm
REH1064.70.240	Hohmann Retractor 70 mm Wide, Narrow Tip, Length 240 mm
REH1064.12.220	Hohmann Retractor 12 mm Wide, Short Narrow Point, Length 220 mm

**Czerny's Retractor**  
(Item Code: REH1065)



**Alm's Retractor**  
(Item Code: REH1066)



**Periosteal Elevator with Fibre Handle (Farabeuf) - Straight & Curved**  
(Item Code: REH1067)

Code		Size (mm)
Straight	Curved	
REH1067.06S	REH1067.06C	6
REH1067.08S	REH1067.08C	8
REH1067.10S	REH1067.10C	10
REH1067.12S	REH1067.12C	12
REH1067.14S	REH1067.14C	14
REH1067.16S	REH1067.16C	16



**Periosteal Elevator with Fiber Handle (A.O. Type) - Straight & Curved**  
(Item Code: REH1068)

Code		Size (mm)
Straight	Curved	
REH1068.03S	REH1068.03C	3
REH1068.06S	REH1068.06C	6
REH1068.14S	REH1068.14C	14



**Love Nerve Root Retractor (Set of 3)**  
(Item Code: REH1069)

Code	Angle
REH1069.00	Straight
REH1069.45	45°
REH1069.90	90°





**Cobs Elevator**

(Item Code: REH1072)

Code	Size (mm)
REH1072.05	5
REH1072.10	10
REH1072.15	15



**Hack Saw with 2 Blades**

(Item Code: REH1075)



**Doyen's Rib Shearer**

(Item Code: REH1076)

Code	Size
REH1076	7 1/2"



**Lamina Spreader**

(Item Code: REH1077)

Code	Size (mm)
REH1077.17	170
REH1077.21	210
REH1077.27	270



**Gelpi Retractor**

(Item Code: REH1078)

Code	Size
REH1078.S	Small
REH1078.M	Medium
REH1078.L	Large



**Mastoid Retractor**

(Item Code: REH1079)

Code	Size (inch)
REH1079.S	6
REH1079.M	8
REH1079.L	10



**Electric Bone Saw, Oscillatory and Rotary Model A/C**

(Item Code: BCI1200)



**Tuder Edward Bone Cutting Forceps**

(Item Code: BCI1202)



**Bone Cutting Forceps (Single Action)**

(Item Code: BCI1205)

Code	Length (inch)
BCI1205.07	7
BCI1205.09	9



**Bone Cutting Forceps (Double Action) - Straight & Curved**

(Item Code: BCI1206)

Code		Size (mm)
Straight	Curved	
BCI1206.190S	BCI1206.190C	190
BCI1206.225S	BCI1206.225C	225
BCI1206.270S	BCI1206.270C	270



**Bone Nibbler (Double Action) - Straight, Curved & Angular**

(Item Code: BCI1212)



Straight	Length (mm)	Curved	Length (mm)	Angular	Length (mm)
BCI1212.190S	190	BCI1212.190C	190	BCI1212.190A	190
BCI1212.225S	225	BCI1212.225C	225	BCI1212.225A	225
BCI1212.270S	270	BCI1212.270C	270	BCI1212.270A	270

**Ferris Smith (Kerrison) Sphenoidal Punch Forceps 90° Up & Down**

(Item Code: SPR1215)

Upward	Downward	Size (mm)
SPR1215.02U	SPR1215.02D	2
SPR1215.03U	SPR1215.03D	3
SPR1215.04U	SPR1215.04D	4



**Spurling Rongeurs (Disc Punch) - 45° Straight, Upward & Downward**

(Item Code: SPR1226)



Code			Size (mm)
Straight	Upward	Downward	
SPR1226.02S	SPR1226.02U	SPR1226.03D	2
SPR1226.03S	SPR1226.03U	SPR1226.03D	3

Punch Forceps-45° Up & Down

(Item Code: SPR1228)

Code		Size (mm)
Upward	Downward	
SPR1228.02U	SPR1228.02D	2
SPR1228.03U	SPR1228.03D	3
SPR1228.04U	SPR1228.04D	4



Spinal Rongeurs

(Item Code: SPR1229)



Burn's Bone Holding Forceps

(Item Code: BHF1231)



Hey Grooves Bone Holding Forceps

(Item Code: BHF1233)

Code	Size	inches
BHF1233.08	Small	8
BHF1233.10	Medium	10
BHF1233.12	Large	12



Fergusson's or Lion Bone Holding Forceps

(Item Code: BHF1234)

Code	Size (inches)
BHF1234.06	6
BHF1234.08	8
BHF1234.10	10



Lane's Bone Holding Forceps

(Item Code: BHF1235)

Code	Size (inches)
BHF1235.08	8
BHF1235.10	10
BHF1235.12	12
BHF1235.17	17



Lane's Bone Holding Forceps (with Ratchet)

(Item Code: BHF1236)

Code	Size (inches)
BHF1236.08	8
BHF1236.10	10
BHF1236.12	12
BHF1236.17	17



Mini Reduction Forceps (Ratchet Lock) - Serrated

(Item Code: BHF1238)



Mini Reduction Forceps (Ratchet Lock) - Pointed

(Item Code: BHF1238P)



Mini Plate Holding Forceps

(Item Code: BHF1239)



Mini Bone Holding Forceps

(Item Code: BHF1240)



Patella Bone Holding Forceps

(Item Code: BHF1241)

Code	Size
BHF1241.03	3 Prongs
BHF1241.04	4 Prongs



Modified Patella Bone Holding Forceps

(Item Code: BHF1242)

Code	Size
BHF1242.03	3 Prongs
BHF1242.04	4 Prongs



Reduction Clamp (Threaded Lock), Pointed

(Item Code: BHF1245)

Code	Length (mm)
BHF1245.14	140
BHF1245.17	170
BHF1245.20	200
BHF1245.24	240



Self Centering Bone Holding Forceps Light Weight

(Item Code: BHF1246)

Code	Length (mm)
BHF1246.15	150
BHF1246.19	190
BHF1246.24	240
BHF1246.26	260
BHF1246.28	280



Reduction Forceps (Ratchet Lock), Serrated

(Item Code: BHF1247)

Code	Length (mm)
BHF1247.14	140
BHF1247.17	170
BHF1247.20	200





**Reduction Forceps (Thread Lock), Serrated**  
(Item Code: BHF1248)

Code	Length (mm)
BHF1248.14	140
BHF1248.17	170
BHF1248.20	200
BHF1248.24	240



**Reduction Forceps (Ratchet Lock), Pointed**  
(Item Code: BHF1249)

Code	Length (mm)
BHF1249.14	140
BHF1249.17	170
BHF1249.20	200



**Bone & Plate Holding Forceps**  
(Item Code: BHF1253)



**Lowman Bone Clamp**  
(Item Code: BHF1254)

Code	Description
BHF1254.14	Mini (For Fingers)
BHF1254.15	Small (For Forearms)
BHF1254.16	Medium (For Humerus)
BHF1254.17	Large (For Tibia)
BHF1254.18	Extra Large (For Femur)



**Malleolar Holding Forceps**  
(Item Code: BHF1255)



**Bone Holding Forceps (Radius/Ulna)**  
(Item Code: BHF1256)



## GENERAL ORTHOPAEDIC INSTRUMENTS

### Hammer, Nylon Faced (Item Code: HMW1280)

Code	Weight (gms)
HMW1280.20	200
HMW1280.35	350
HMW1280.50	500
HMW1280.70	700



### Hammer, Nylon Faced with Fibre Handle (Item Code: HMW1286)

Code	Weight (gms)
HMW1286.20	200
HMW1286.35	350
HMW1286.50	500
HMW1286.70	700
HMW1286.90	900



### Hammer S.S. with S.S. Handle (Item Code: HMW1288)

Code	Weight (gms)
HMW1288.20	200
HMW1288.35	350
HMW1288.50	500
HMW1288.70	700
HMW1288.90	900



### Hammer S.S. with Fiber Handle (Item Code: HMW1290)

Code	Weight (gms)
HMW1290.20	200
HMW1290.35	350
HMW1290.50	500
HMW1290.70	700
HMW1290.90	900



## PLASTER ROOM EQUIPMENT

### Bandage Cutting Scissors, 7" (Item Code: PRE1254)



### Plaster Bender, Bohler 10" (Item Code: PRE1255)



### Plaster Opener, Daws (Item Code: PRE1256)



### Amputation Saw, 9" (Item Code: PRE1257)



### Plaster Saw, Bergman's (Item Code: PRE1260)



**Plaster Saw – Heavy Handle**  
(Item Code: PRE1261)



**Plaster Saw – Engel**  
(Item Code: PRE1262)



**Finger Saw**  
(Item Code: PRE1265)



**Plaster Saw Electric – Deluxe**  
(Item Code: PRE1263)



**Plaster Shears, Stille**  
(Item Code: PRE1266)

Code	Size (inches)
PRE1266.08	8
PRE1266.15	15



**Henning Plaster Cast Spreader**  
(Item Code: PRE1270)



**Plaster Shear – Bohler's**  
(Item Code: PRE1281)



**Plaster Knife**  
(Item Code: PRE1282)



**Blade for Plaster Saw – Small & Large**  
(Item Code: PRE1284)



**Bone Cutting, Drilling & Reaming System**

(Item Code: BTD1108)



**Features :**

**Driving Unit:-** 220 Volts/5 Amp A.C. supply, completely enclosed, Foot Control for on/off and speed.

**Stand:-** Castors for mobility. Can be dismantled & packed into a suitcase.  
Hanging type driving unit also available on request.

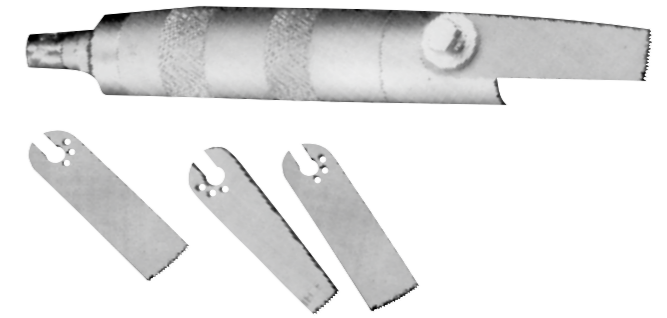
**Handpieces:-** Ergonomical design for comfortable handing.  
Made of non-corrosive metal, Autoclavable.

**Sagittal Saw Handpiece**

(Item Code: BTD1108.01)

**Features :**

- Transverse oscillating blade
- Five types of blades
- Oscillations 13,000/min
- Weight approx. 650 gms
- Useful for plug cutters, bone scoop, right angled mini blades, sector blades, Trephines
- Autoclavable



**Cannulated Drill Handpiece**

(Item Code: BTD1108.02)

**Features :**

- S.S Drill, Drill Chuck
- Weight 800gms. Approx.
- Speed 1200rpm.
- 5.6mm Cannulated
- Autoclavable



**Reaming Hand Piece**

(Item Code: BTD1108.04)

**Features :**

- Max. Speed 400rpm
- A.P. Type
- 5.6mm Cannulated
- Ideal for intramedullary Reaming
- Weight 780gms. Approx





**Electric Bone Drill (Rotary Model) - Deluxe**  
(Item Code: BTD1120)



**Features :**

- Fully cannulated drilling reaming system
- Ergonomically designed to give full control to the user
- Speed control in hand
- Lock to keep the machine in 'ON' position without pressing the trigger constantly
- Quick coupling coupler provided to accommodate flexible reamers
- Anti rust stainless steel chuck with capacity to hole upto 10 mm diameter

Code	Description
BTD1120.02	Electric Bone Drill (Rotary Model) - Deluxe, with Coupler
BTD1120.03	Electric Bone Drill (Rotary Model) - Deluxe, without Coupler

**Electric Cum Battery Operated Bone Drilling, Sawing & Reaming System - Deluxe**

(Item Code: BTD1122)



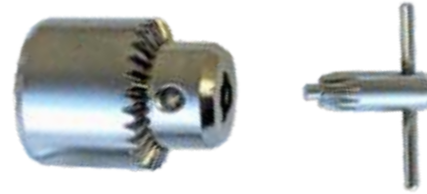
**Features :**

- 3 handpieces for drilling, sawing & reaming
- High torque allows quick drilling even through the hardest cortical bone
- Streamlined head design provides maximum visibility
- Fully cannulated for use with pins and guide wires
- Reduced vibration and enhanced hand piece control
- Varying speed control
- Ergonomic hand pieces
- Provision to fit standard Jacob chuck quick coupling chuck
- Oscillating tip design dramatically reduces vibration and enhances hand piece control in case of saw
- Stationary blade shaft significantly reduces the potential for soft tissue damage
- Battery charger unit provided for charging 3 batteries simultaneously at one time
- Convenient forward and reverse switch allows rapid change in direction
- In case battery discharges, dummy wire provision to run handpiece in mains mode
- Fully autoclavable
- Arrow indication on the handpiece for battery insertion and change in direction
- Variable speed trigger designed for infinite speed selection, slow for screw insertions and fast for maximum power

**Universal Bone Drill with S.S Chuck & Key**  
(Item Code: **BTD1125**)



**Spare Chuck & Key**  
(Item Code: **BTD1125.01**)



**Open Gear Drill Machine with S.S.Chuck & Key**  
(Item Code: **BTD1126**)



**Twist Drill (Drill Bit) Q.C.**  
(Item Code: **BTD1130**)



Code	Dia. (mm)	Length (mm)
BTD1130.15.100	1.5	100
BTD1130.20.100	2.0	100
BTD1130.25.130	2.5	130
BTD1130.27.130	2.7	130
BTD1130.32.130	3.2	130
BTD1130.32.200	3.2	200
BTD1130.35.130	3.5	130
BTD1130.35.200	3.5	200
BTD1130.45.130	4.5	130
BTD1130.45.200	4.5	200
BTD1130.50.200	5.0	200

**Twist Drill (Drill Bit) - Jacob Chuck End**  
(Item Code: **BTD1135**)



Code	Dia. (mm)	Length (mm)
BTD1135.25.130	2.5	130
BTD1135.27.130	2.7	130
BTD1135.32.130	3.2	130
BTD1135.32.200	3.2	200
BTD1135.35.130	3.5	130
BTD1135.35.200	3.5	200
BTD1135.45.130	4.5	130
BTD1135.45.200	4.5	200
BTD1135.45.300	4.5	300
BTD1135.55.130	5.5	130
BTD1135.55.250	5.5	250
BTD1135.40.300	4.0	300
BTD1135.50.300	5.0	300
BTD1135.55.300	5.5	300
BTD1135.60.180	6.0	180

