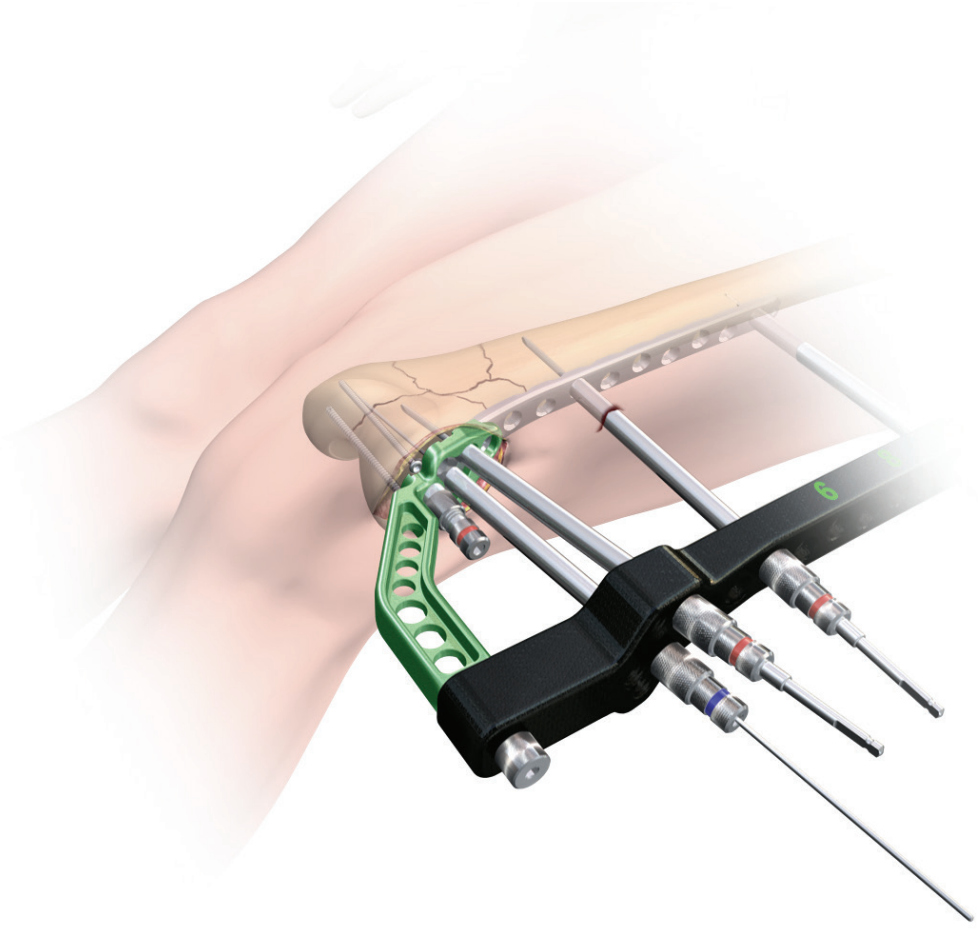
Surgical Technique

smith&nephew

PERI-LOC◇

Periarticular Locked Plating System

Targeter Systems Overview



PERI-LOC◇ Locked Plating System

Targeter Systems Overview

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Nota Bene

The following technique is for informational and educational purposes only. It is not intended to serve as medical advice. It is the responsibility of treating physicians to determine and utilize the appropriate products and techniques, according to their own clinical judgment, for each of their patients. For more information on the product, including its Indications for Use, contraindications, cleaning, sterilization and product safety information, please refer to the product's label and the Instructions for Use (IFU) for the product.

Product overview

Introduction

The PERI-LOC◇ Periarticular Locked Plating System from Smith & Nephew offers the advantages of locked plating with the flexibility and the benefits of traditional plating in one system. Offering both locking and non-locking screw options, the PERI-LOC system is designed to provide a construct that resists angular (eg, varus/valgus, rotational and axial) collapse while simultaneously acting as an effective aid to fracture reduction.

A simple and straightforward instrument set features standardized drill bits and color-coded instrumentation, designed to make PERI-LOC system efficient and easy to use.

Radiolucent Targeter Systems are available for the following four plates in the PERI-LOC system:

- 4.5mm Lateral Distal Femur Locking Plate
- 4.5mm Lateral Proximal Tibia Locking Plate
- 3.5mm Lateral Proximal Tibia Locking Plate
- 3.5mm Medial Distal Tibia Locking Plat

These targeters are designed to allow surgeons to use percutaneous, or minimally invasive, techniques to preserve the soft tissue envelope during the surgical procedure.

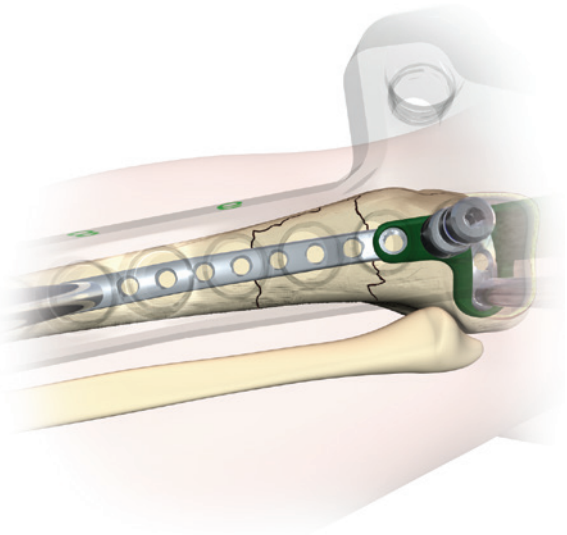
Note Disposable components and implants in the PERI-LOC Locked Plating System are for single use only.

Design features and benefits

Radiolucent base
The targeters in the PERI-LOC® Periarticular Locked Plating System feature a radiolucent base that allows for a clear lateral view under fluoroscopy.

Unique, versatile screw hole design
All plates in the PERI-LOC system feature a unique screw hole that was designed to be used in a variety of applications at the surgeon's discretion. Each screw hole accepts both locking and non-locking screw options and is designed to allow for up to 1mm of axial compression, distraction or translation per hole. The unique design of our screw hole supports customized screw configurations to optimally treat each specific fracture.

Streamlined, color-coded instrumentation
The PERI-LOC Targeter systems have been designed to minimize confusion during the procedure. Side specific instruments are color-coded to reduce the chance of misuse. Coordinating drill guides and drill bits are color-coded for ease of use.



This drawing illustrates the radiolucency of the PERI-LOC® Targeter.

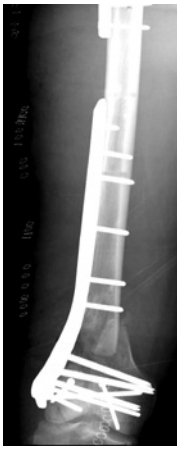
Implant overview

4.5mm Lateral Distal Femur Locking Plate

- Beveled tip assists with submuscular insertion[1,2]
- Radiolucent targeter available for percutaneous technique
- Anatomically designed with 90 inch (2.28 meter) radius anterior bow
- Periarticular recesses designed to allow for easy placement of lag screws in strategic locations around and independent of the implant for reduction of the articular surface
- Available in 6, 8, 10, 13, 16 and 19 hole configurations (155-399mm)

Specification overview

Plate dimensions	
Profile thickness of head	3.6mm
Width of head	36.0mm
Profile thickness of shaft	4.8mm
Width of shaft	17.6mm
Shaft hole spacing	18.0mm



4.5mm Lateral Proximal Tibia Locking Plate

- Beveled tip assists with submuscular insertion[1,2]
- Radiolucent targeter available for percutaneous technique
- Plate head has 5° posterior tilt and is contoured to match the lateral proximal tibia
- Plate shaft has 3° bend to match diaphysis of tibia[3]
- Proximal suture holes for meniscal repair or K-wire placement for positioning
- Proximal periarticular recesses allow for easy placement of independent lag screws for reduction of the articular surface in subchondral fashion
- Available in 4, 6, 8, 10, 13 and 16 hole configurations (94-309mm)

Specification overview

Plate dimensions	
Profile thickness of head	3.0mm
Width of head	32.5mm
Profile thickness of shaft	3.7mm
Width of shaft	12.7mm
Shaft hole spacing	18.0mm

Surgical technique

Fracture reduction

Articular fracture components must be anatomically reduced prior to plate application and screw insertion. Reduction aids should be placed so as not to interfere with final plate placement. Reduce and provisionally secure fragments using:

K-wires	
2.0mm x 350mm for Targeter	71173381

Note If K-wires are to be inserted through the K-wire holes on a PERI-LOC◇ Large Fragment Plate for the purpose of provisional fixation, it is recommended that 2.0mm wires be used. The Targeter K-wire can be placed through a Large Fragment Targeter K-wire Guide (71173384).

Provisional Fixation Pins	
3.5mm x 18mm for Targeter	71173416
3.5mm x 40mm for Targeter	71173408

Note Provisional Fixation Pins may be inserted on power, but should always be seated manually in order to avoid stripping of the threads and loss of purchase. Bicortical purchase of the provisional fixation pin will decrease the chance of stripping and pull-out.

Reduction Forceps*	
Reduction Forceps with Ratchet, 205mm	71170044
Reduction Forceps with Ratchet-Bowed, 205mm	71173370
Reduction Forceps with Points, Broad	71173377
Reduction Forceps with Serrated Jaw	71173378
Ball Spike Reduction Clamp, Medium	71171212
Ball Spike Reduction Clamp, Large	71171213

* Located in the PERI-LOC Forceps Set

Ball Spike Reduction Clamp

Assemble either the 15mm or 25mm Spiked Washer (71171220, 71171221) to the Ball Spike Reduction Clamp by pushing the tip of the clamp into the washer until it snaps on.

Care should be taken when handling the clamps and spiked washers to avoid the sharpened tips.

If the Ball Spike Reduction Clamp is to be used with a plate, insert one of the tips into the desired plate hole and engage the other tip with the bone on the opposite cortex. If using a spiked washer on the far-side clamp tip, ensure that the spikes are against bone. Consideration for the spiked washer should be given in osteopenic or comminuted bone.

15mm Spiked Washer

Medium Ball Spike Reduction Clamp

4.5mm Lateral Distal Femur Locking Plate

Plate selection
Following fracture reduction, select the 4.5mm Lateral Distal Femur Locking Plate that best accommodates patient anatomy and fracture pattern. In general, a longer plate allows for better mechanical advantage over a shorter plate. An allowance for five screw holes above the most proximal aspect of the fracture is recommended when selecting a plate length.

Note The PERI-LOC◇ 4.5mm Lateral Distal Femur Locking Plate Preoperative Template (71181635) is available to assist with preoperative radiographic planning.

4.5mm Distal Femur Targeter assembly
Assemble to targeter base, handle and plate on the back table as shown below. Check the plate alignment by inserting a screw guide through the base, targeting the most proximal hole of the plate. Insert a drill guide through the screw guide and ensure that it threads into the plate. Remove this drill guide and screw guide and proceed with plate insertion.

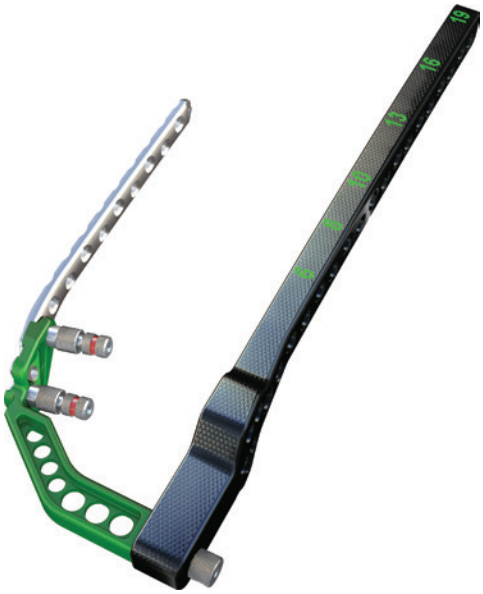


Plate insertion
Insert the plate between the muscle and the periosteum keeping the proximal end of the plate against the femur during insertion. Use intraoperative image intensifier or direct visualization to confirm plate balance on the femoral shaft.

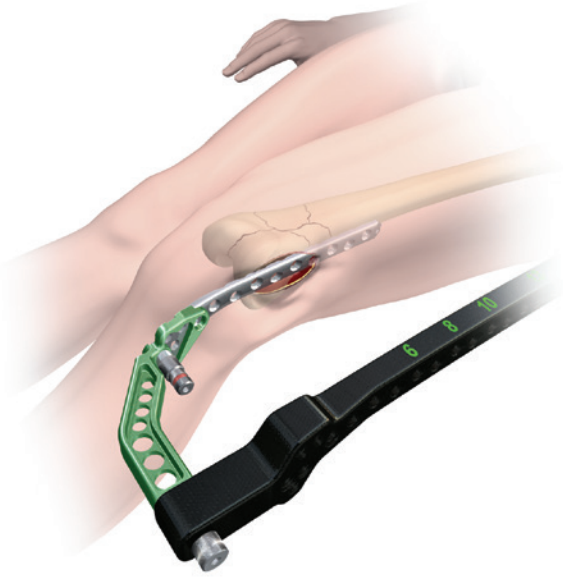
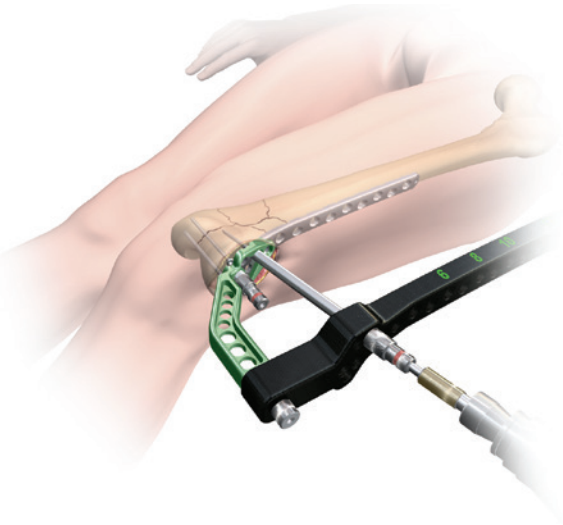


Plate positioning
Position the plate by matching the contour of the plate to the distal portion of the lateral femur. Insert a Large Fragment Targeter Screw Guide (71173397) with the red color-coded 3.5mm Drill Guide (71173382) into one of the distal holes. Tighten the screw guide to the base and tighten the red drill guide to the plate. Insert a 3.5mm x 40mm Targeter Provisional Fixation Pin (71173408) through the drill guide. Be careful not to over tighten the Provisional Fixation Pin as extreme torque may cause the threads to strip.



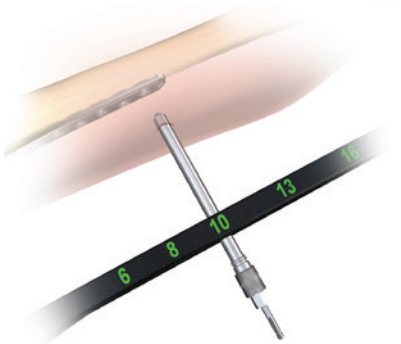
Obtain sagittal alignment of fracture and confirm with a lateral radiograph.

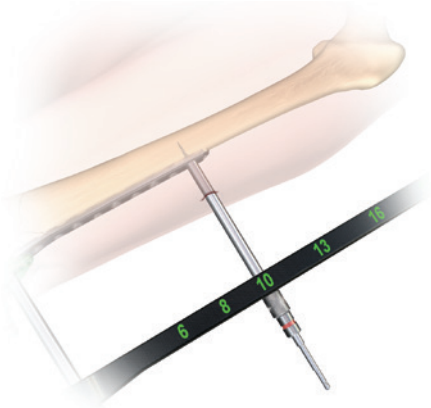
To access the most proximal hole, insert a screw guide with a Targeter Trocar (71173404) through a small stab incision until the screw guide reaches the plate and locks into the base.

Remove the trocar and insert a red drill guide, threading it into the plate.

Center the plate on the lateral aspect of the femur and apply a 3.5mm x 18mm Targeter Provisional Fixation Pin (71173416) in the most proximal hole.

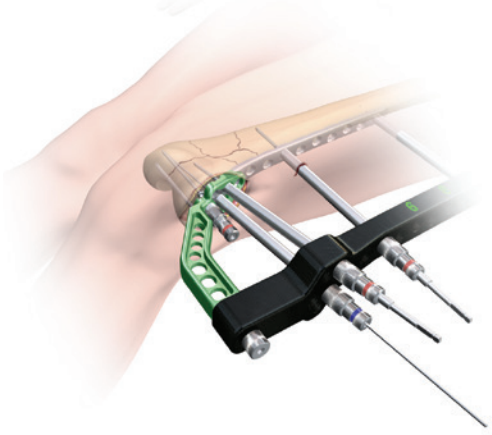
If further reduction of the distal portion of the diaphyseal fracture is required, center the plate on the distal diaphyseal fracture fragment and provisionally fix the plate close to the fracture by repeating the previous step. Obtain final confirmation of fracture alignment and implant position.

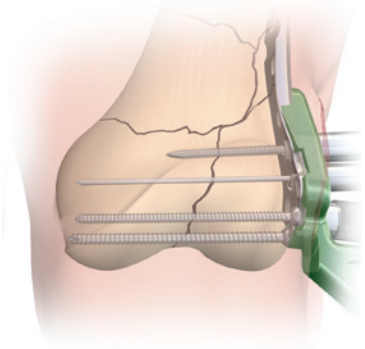




Insert a screw guide through any of the distal holes, securing it to the base. Insert the blue color-coded 2.0mm K-wire Locking Guide Insert (71173384) which accepts the 2.0mm x 350mm K-wire (71173381). This K-wire can be redirected if necessary until it is parallel to the joint in the AP view. Loosening of the Provisional Fixation Pins may be necessary to redirect the K-wire parallel to the joint.

For correct coronal alignment, the K-wire (guide wire) must be parallel to the joint in the AP view.





4.5mm Lateral Proximal Tibia Locking Plate

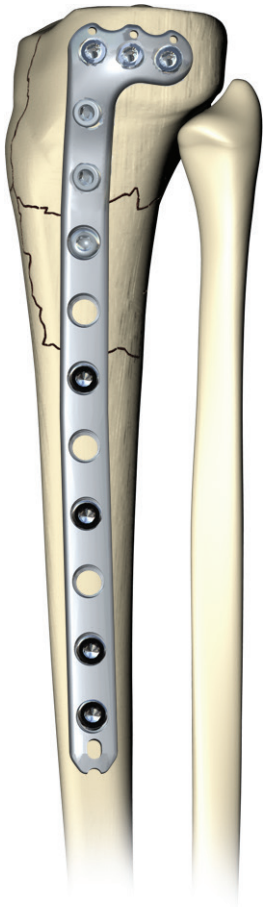


Plate selection
Following fracture reduction, select the 4.5mm Lateral Proximal Tibia Locking Plate that best accommodates patient anatomy and fracture pattern. In general, a longer plate allows for better mechanical advantage over a shorter plate. An allowance for five screw holes below the most distal aspect of the fracture is recommended when selecting a plate length.

Note The PERI-LOC◇ 4.5mm Lateral Proximal Tibia Locking Plate Preoperative Template (71181636) is available to assist with preoperative radiographic planning. Use caution when using the 16 hole version of this plate to not damage the superficial peroneal nerve.

4.5mm Lateral Proximal Targeter assembly
Assemble to targeter base, handle and plate on the back table as shown below. Check the plate alignment by inserting a screw guide through the base, targeting the most distal hole of the plate. Insert a drill guide through the screw guide and ensure that it threads into the plate. Remove this drill guide and screw guide and proceed with plate insertion.

Plate insertion
Insert the plate between the muscle and the periosteum keeping the distal end of the plate against the tibia during insertion.

Plate positioning
Position the plate by matching the contour of the plate to the proximal portion of the lateral tibia. Insert a Large Fragment Targeter Screw Guide (71173397) with the red color-coded 3.5mm Drill Guide (71173382) into one of the proximal holes. Tighten the screw guide to the base and tighten the red drill guide to the plate. Insert a 3.5mm x 40mm Targeter Provisional Fixation Pin (71173408) through the drill guide. Be careful not to over tighten the Provisional Fixation Pin as extreme torque may cause the threads to strip.

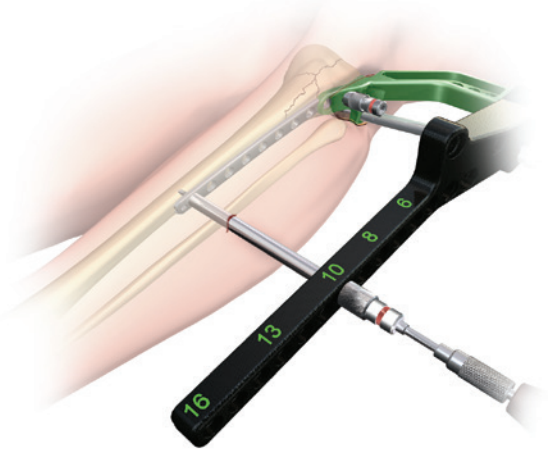
Obtain sagittal alignment of fracture and confirm with a lateral radiograph. When a sagittal split is present, reduction can be obtained with either clamps or lag screws, outside or through the plate.

To access the distal hole, insert a screw guide with a Targeter Trocar (71173404) through a small stab incision until the screw guide reaches the plate and locks into the base.

Remove the trocar and insert a red drill guide, threading it into the plate.

Center the plate on the lateral aspect of the tibia and apply a 3.5mm x 18mm Targeter Provisional Fixation Pin (71173416) in the most proximal hole.

If further reduction of the proximal portion of the diaphyseal fracture is required, center the plate on the proximal diaphyseal fracture fragment and provisionally fix the plate close to the fracture by repeating the previous step. Obtain final confirmation of fracture alignment and implant position.



Insert a screw guide through any of the proximal holes, securing it to the base. Insert the blue color-coded 2.0mm K-wire Locking Guide Insert (71173384) which accepts the 2.0mm x 350mm K-wire (71173381). This K-wire can be redirected if necessary until it is parallel to the joint in the AP view. Loosening of the Provisional Fixation Pins may be necessary to redirect the K-wire parallel to the joint.

For correct coronal alignment, the K-wire (guide wire) must be parallel to the joint in the AP view.

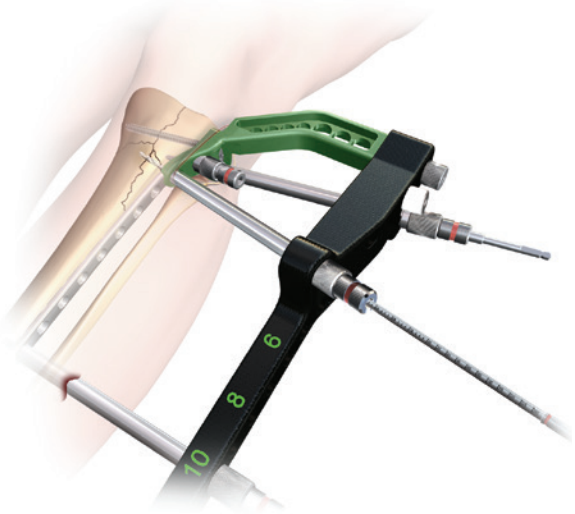
Screw insertion

The choice of screws, and their order and configuration, is a decision to be made by the individual surgeon depending on the patient's circumstances and needs. Smith & Nephew does not recommend any particular screw insertion order or configuration of the various types of screws available in the system.

4.5mm Cortex Screws/ 4.5mm Locking Screws/ 6.5mm Partially Threaded Cancellous Screws

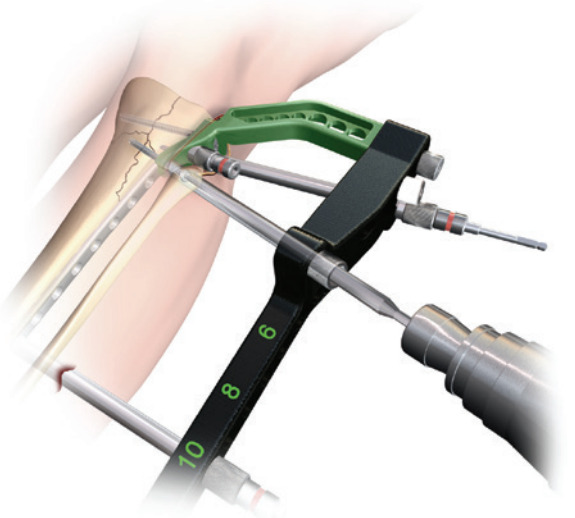
Insert the Large Fragment Targeter Screw Guide (71173397) with Targeter Trocar (71173404) through a small stab incision until the screw guide reaches the plate and locks into the base.

Remove trocar and insert a red color-coded 3.5mm Drill Guide (71173382) and thread into the plate.



Drill
Drill to the desired depth using a 3.5mm Targeter Drill Bit (71173402).

Measure
Measure for screw length by reading the exposed calibrations off of the 3.5mm Targeter Drill Bit.

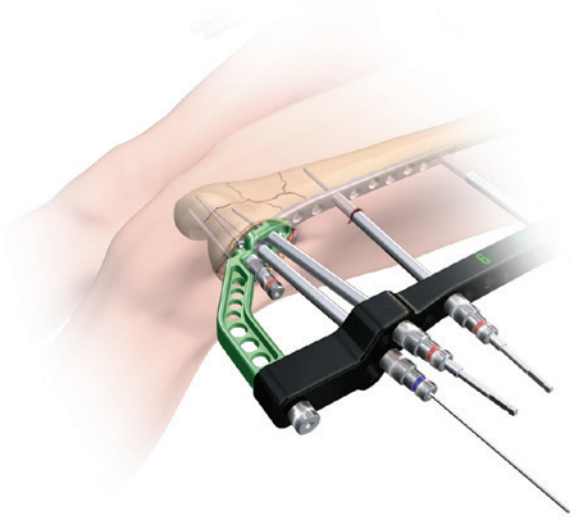


Screw insertion
Remove the drill guide and insert the appropriate length screw by hand using the T25 Self Retaining Screwdriver (71173619) and the Large Screwdriver Handle (71173547).

5.7mm Cannulated Screws

Insert the Large Fragment Targeter Screw Guide (71173397) with Targeter Trocar (71173404) through a small stab incision until the screw guide reaches the plate and locks into the base.

Remove trocar and insert a blue color-coded 2.0mm K-wire Guide (71173384) and thread into the plate.

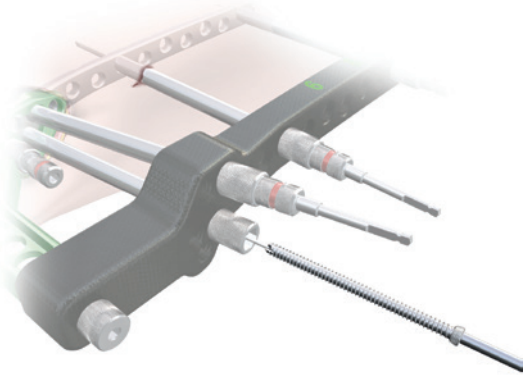


Guide wire insertion
Insert a 2.0mm x 350mm K-wire (71173381) through the guide to the desired depth.

Drill (optional)
In areas of increased bone density, it may be beneficial to drill prior to screw insertion. This may be done with the 4.5mm Cannulated Drill Bit (71173444) by drilling over the guide wire to the desired depth.

Measure
Slide the 5.7mm Cannulated Depth Gauge (71173332) over the guide wire until it rests against the 2.0mm K-wire Guide. Measure for screw length by reading the calibrations on the depth gauge.

Screw insertion
Remove the K-wire Guide and insert the appropriate length 5.7mm Cannulated Screw using the 3.5mm Cannulated Hex Driver until just before the screw head engages with the plate. Remove and discard the guide wire.



Catalog information

PERI-LOC® 4.5mm Lateral Distal Femur Plates

Sterile	Non-Sterile	Alternate Sterile	Description	Length
71800006	71820006	71820006S	6 Hole, Left	55mm
71800008	71820008	71820008S	8 Hole, Left	193mm
71800010	71820010	71820010S	10 Hole, Left	230mm
71800013	71820013	71820013S	13 Hole, Left	286mm
71800016	71820016	71820016S	16 Hole, Left	342mm
71800019	NA	71820019S	19 Hole, Left	399mm
71800106	71820106	71820106S	6 Hole, Right	155mm
71800108	71820108	71820108S	8 Hole, Right	193mm
71800110	71820110	71820110S	10 Hole, Right	230mm
71800113	71820113	71820113S	13 Hole, Right	286mm
71800116	71820116	71820116S	16 Hole, Right	342mm
71800119	NA	71820119S	19 Hole, Right	399mm

PERI-LOC 4.5mm Lateral Proximal Tibia Plate

Sterile	Non-Sterile	Alternate Sterile	Description	Length
71800204	71820204	71820204S	4 Hole, Left	94mm
71800206	71820206	71820206S	6 Hole, Left	130mm
71800208	71820208	71820208S	8 Hole, Left	165mm
71800210	71820210	71820210S	10 Hole, Left	201mm
71800213	71820213	71820213S	13 Hole, Left	255mm
71800216	NA	71820216S	16 Hole, Left	309mm
71800304	71820304	71820304S	4 Hole, Right	94mm
71800306	71820306	71820306S	6 Hole, Right	130mm
71800308	71820308	71820308S	8 Hole, Right	165mm
71800310	71820310	71820310S	10 Hole, Right	201mm
71800313	71820313	71820313S	13 Hole, Right	255mm
71800316	NA	71820316S	16 Hole, Right	309mm

PERI-LOC® Large Fragment Screws

Cat. No.	Description	Qty
71129400	Large Outer Case, 4.8mm	1
71129402	Lid for Outer Cases	1
71143110	10.0mm OD Washer	6
71143113	13.0mm OD Washer	6
71170355	5.7mm Cannulated Locking Screw, Caddy	1
71170363	Tray	1
71170701	4.5mm T25 Cortex Screw, Caddy	1
71170703	4.5mm T25 Locking Screw, Caddy	1
71170705	6.5mm T25 Cancellous Screw, Caddy	1

4.5mm Self-tapping Cortex Screw

Sterile Hex Drive	Non-Sterile Hex Drive	Sterile Torx Drive	Non-Sterile Torx Drive	Description
71806014	71826014	73806014	73826014	14mm
71806016	71826016	73806016	73826016	16mm
71806018	71826018	73806018	73826018	18mm
71806020	71826020	73806020	73826020	20mm
71806022	71826022	73806022	73826022	22mm
71806024	71826024	73806024	73826024	24mm
71806026	71826026	73806026	73826026	26mm
71806028	71826028	73806028	73826028	28mm
71806030	71826030	73806030	73826030	30mm
71806032	71826032	73806032	73826032	32mm
71806034	71826034	73806034	73826034	34mm
71806036	71826036	73806036	73826036	36mm
71806038	71826038	73806038	73826038	38mm
71806040	71826040	73806040	73826040	40mm
71806042	71826042	73806042	73826042	42mm
71806044	71826044	73806044	73826044	44mm
71806046	71826046	73806046	73826046	46mm
71806048	71826048	73806048	73826048	48mm
71806050	71826050	73806050	73826050	50mm
71806052	71826052	73806052	73826052	52mm
71806054	71826054	73806054	73826054	54mm
71806056	71826056	73806056	73826056	56mm
71806058	71826058	73806058	73826058	58mm
71806060	71826060	73806060	73826060	60mm
71806062	71826062	73806062	73826062	62mm
71806064	71826064	73806064	73826064	64mm
71806066	71826066	73806066	73826066	66mm
71806068	71826068	73806068	73826068	68mm
71806070	71826070	73806070	73826070	70mm
71806072	71826072	73806072	73826072	72mm

Sterile Hex Drive	Non-Sterile Hex Drive	Sterile Torx Drive	Non-Sterile Torx Drive	Description
71806074	71826074	73806074	73826074	74mm
71806076	71826076	73806076	73826076	76mm
71806078	71826078	73806078	73826078	78mm
71806080	71826080	73806080	73826080	80mm
71806085	71826085	73806085	73826085	85mm
71806090	71826090	73806090	73826090	90mm
71806095	71826095	73806095	73826095	95mm
71806100	71826100	73806100	73826100	100mm
71806105	NA	73806105	NA	105mm
71806110	NA	73806110	NA	110mm
71806115	NA	73806115	NA	115mm
71806120	NA	73806120	NA	20mm
71806125	NA	73806125	NA	125mm
71806130	NA	73806130	NA	130mm

4.5mm Self-tapping Locking Screw

Sterile Hex Drive	Non-Sterile Hex Drive	Sterile Torx Drive	Non-Sterile Torx Drive	Description
71807010	71827010	73807010	73827010	Blunt Tip Locking Screw 10mm
71807012	71827012	73807012	73827012	Blunt Tip Locking Screw 12mm
71807014	71827014	73807014	73827014	Locking Screw 14mm
71807016	71827016	73807016	73827016	Locking Screw 16mm
71807018	71827018	73807018	73827018	Locking Screw 18mm
71807020	71827020	73807020	73827020	Locking Screw 20mm
71807022	71827022	73807022	73827022	Locking Screw 22mm
71807024	71827024	73807024	73827024	Locking Screw 24mm
71807026	71827026	73807026	73827026	Locking Screw 26mm
71807028	71827028	73807028	73827028	Locking Screw 28mm
71807030	71827030	73807030	73827030	Locking Screw 30mm
71807032	71827032	73807032	73827032	Locking Screw 32mm
71807034	71827034	73807034	73827034	Locking Screw 34mm
71807036	71827036	73807036	73827036	Locking Screw 36mm
71807038	71827038	73807038	73827038	Locking Screw 38mm
71807040	71827040	73807040	73827040	Locking Screw 40mm
71807042	71827042	73807042	73827042	Locking Screw 42mm
71807044	71827044	73807044	73827044	Locking Screw 44mm
71807046	71827046	73807046	73827046	Locking Screw 46mm
71807048	71827048	73807048	73827048	Locking Screw 48mm
71807050	71827050	73807050	73827050	Locking Screw 50mm
71807052	71827052	73807052	73827052	Locking Screw 52mm
71807054	71827054	73807054	73827054	Locking Screw 54mm
71807056	71827056	73807056	73827056	Locking Screw 56mm
71807058	71827058	73807058	73827058	Locking Screw 58mm
71807060	71827060	73807060	73827060	Locking Screw 60mm
71807062	71827062	73807062	73827062	Locking Screw 62mm
71807064	71827064	73807064	73827064	Locking Screw 64mm
71807066	71827066	73807066	73827066	Locking Screw 66mm
71807068	71827068	73807068	73827068	Locking Screw 68mm
71807070	71827070	73807070	73827070	Locking Screw 70mm
71807072	71827072	73807072	73827072	Locking Screw 72mm
71807074	71827074	73807074	73827074	Locking Screw 74mm
71807076	71827076	73807076	73827076	Locking Screw 76mm
71807078	71827078	73807078	73827078	Locking Screw 78mm
71807080	71827080	73807080	73827080	Locking Screw 80mm
71807085	71827085	73807085	73827085	Locking Screw 85mm
71807090	71827090	73807090	73827090	Locking Screw 90mm
71807095	71827095	73807095	73827095	Locking Screw 95mm
71807100	71827100	73807100	73827100	Locking Screw 100mm
71807105	NA	73807105	NA	Locking Screw 105mm
71807110	NA	73807110	NA	Locking Screw 110mm
71807115	NA	73807115	NA	Locking Screw 115mm
71807120	NA	73807120	NA	Locking Screw 120mm
71807125	NA	73807125	NA	Locking Screw 125mm
71807130	NA	73807130	NA	Locking Screw 130mm

PERI-LOC® Large Fragment Screws *(continued)*

5.7mm Cannulated Locking Screw

Sterile Hex Drive	Non-Sterile Hex Drive	Sterile Torx Drive	Non-Sterile Torx Drive	Description
71808020	71828020	NA	NA	20mm
71808025	71828025	NA	NA	25mm
71808030	71828030	NA	NA	30mm
71808035	71828035	NA	NA	35mm
71808040	71828040	NA	NA	40mm
71808045	71828045	NA	NA	45mm
71808050	71828050	NA	NA	50mm
71808055	71828055	NA	NA	55mm
71808060	71828060	NA	NA	60mm
71808065	71828065	NA	NA	65mm
71808070	71828070	NA	NA	70mm
71808075	71828075	NA	NA	75mm
71808080	71828080	NA	NA	80mm
71808085	71828085	NA	NA	85mm
71808090	71828090	NA	NA	90mm
71808095	71828095	NA	NA	95mm
71808100	71828100	NA	NA	100mm
71808105	NA	NA	NA	105mm
71808110	NA	NA	NA	110mm
71808115	NA	NA	NA	115mm
71808120	NA	NA	NA	120mm

6.5mm Partially Threaded Cancellous Screw

Sterile Hex Drive	Non-Sterile Hex Drive	Sterile Torx Drive	Non-Sterile Torx Drive	Description
71808150	71828150	73808150	73828150	50mm
71808155	71828155	73808155	73828155	55mm
71808160	71828160	73808160	73828160	60mm
71808165	71828165	73808165	73828165	65mm
71808170	71828170	73808170	73828170	70mm
71808175	71828175	73808175	73828175	75mm
71808180	71828180	73808180	73828180	80mm
71808185	71828185	73808185	73828185	85mm
71808190	71828190	73808190	73828190	90mm
71808195	71828195	73808195	73828195	95mm
71808200	71828200	73808200	73828200	100mm
71808205	NA	73808205	NA	105mm
71808210	NA	73808210	NA	110mm

5.7mm Cannulated Depth Gauge for Targeter

Cat. No. 71173332

2.0mm x 350mm K-wire for Targeter

Cat. No. 71173381

Drill Guides for Targeter

Cat. No.	Description
71173382	3.5mm
71173383	4.5mm

2.0mm K-wire Guide for Targeter

Cat. No. 71173384

Large Fragment Screw Guide for Targeter

Cat. No. 71173397

4.5mm Locking Post Assembly

Cat. No. 71173398

4.5mm Distal Femur Targeter Handles

Cat. No.	Description
71173400	Left (Green)
71173401	Right (Red)

Drill Bits for Targeter

Cat. No.	Description
71173402	3.5mm
71173403	4.5mm
71173444	4.5mm Cannulated

4.5mm Trocar for Targeter

Cat. No. 71173404

Provisional Fixation Pins for Targeter

Cat. No.	Description
71173408	3.5mm x 40mm
71173416	3.5mm x 18mm

4.7mm Hexdriver Shaft for Targeter

Cat. No. 71173410

3.5mm Cannulated Hexdriver Shaft

Cat. No. 71173434

4.5mm Base Hole Plug

Cat. No. 71173436

4.5mm Lateral Proximal Tibia Base

Cat. No.	Description
71173442	Left
71173443	Right

Large Screwdriver Handle

Cat. No. 71173547

T25 Self-retaining Screwdriver Shaft for Targeter

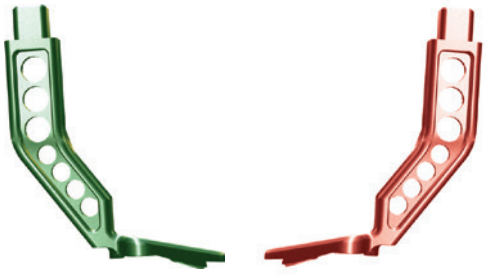
Cat. No. 71173619

Lateral Distal Femur Targeter Base

Cat. No.	Description
71173440	Left
71173441	Right

4.5mm Lateral Proximal Tibia Handle

Cat. No.	Description
71173414	Left (Green)
71173415	Right (Red)



Distal Femur Targeter – T25

Cat. No.	Description	Qty
71129401	Small Outer Case, 2.4mm	1
71129402	Lid for Outer Cases	1
71170321	4.5mm Lateral Distal Femur Targeter Tray	1
71170692	4.5mm Targeter Over-Label Kit	1
71173332	5.7mm Cannulated Depth Gauge	1
71173382	Targeter 3.5mm Drill Guide	4
71173383	Targeter 4.5mm Drill Guide	2
71173384	Targeter Large Fragment K-wire Guide	2
71173397	Targeter Large Fragment Screw Guide	4
71173398	4.5mm Targeter Lock Post Assembly	2
71173400	Targeter 4.5mm Distal Femur Handle, Left	1
71173401	Targeter 4.5mm Distal Femur Handle, Right	1
71173404	Targeter 4.5mm Trocar	2
71173410	Targeter 4.7mm Hexdriver Shaft	2
71173434	Targeter 3.5mm Large Fragment Can Hexdriver	2
71173436	Targeter 4.5mm Base Plug	10
71173440	Targeter 4.5mm Lateral Distal Femur Base, Left	1
71173441	Targeter 4.5mm Lateral Distal Femur Base, Right	1
71173547	Large Screwdriver Handle	1
71173619	T25 Self-retaining Screwdriver with Quick Connect, 203mm	2

4.5mm Lateral Proximal Tibia Targeter– T25

Cat. No.	Description	Qty
71129401	Small Outer Case, 2.4	1
71129402	Lid for Outer Cases	1
71170322	4.5mm Lateral Proximal Tibia Targeter Tray	1
71170692	4.5mm Targeter Over-Label Kit	1
71173332	5.7mm Cannulated Depth Gauge	1
71173382	Targeter 3.5mm Drill Guide	4
71173383	Targeter 4.5mm Drill Guide	2
71173384	Targeter Large Fragment K-wire Guide	2
71173397	Targeter Large Fragment Screw Guide	4
71173398	4.5mm Targeter Lock Post Assmbly	2
71173404	Targeter 4.5mm Trocar	2
71173410	Targeter 4.7mm Hexdriver Shaft	2
71173414	Targeter 4.5mm Lateral Proximal Tibia Handle, Left	1
71173415	Targeter 4.5mm Lateral Proximal Tibia Handle, Right	1
71173434	Targeter 3.5mm Large Fragment Cannulated Hexdriver	2
71173436	Targeter 4.5mm Base Plug	10
71173442	Targeter 4.5mm Lateral Proximal Tibia Base, Left	1
71173443	Targeter 4.5mm Lateral Proximal Tibia Base, Right	1
71173547	Large Screwdriver Handle	1
71173619	T25 Self-retaining Screwdriver with Quick Connect, 203mm	2

PERI-LOC® Large Fragment Targeter Disposables

Cat. No.	Description	Qty
71173381	2.0mm x 350mm K-wire for Targeter	6
71173402	3.5mm Drill Bit for Targeter	2
71173403	4.5mm Drill Bit for Targeter	2
71173408	3.5mm x 40mm Provisional Fixation Pin for Targeter	2
71173416	3.5mm x 18mm Provisional Fixation Pin for Targeter	2
71173444	4.5mm Cannulated Drill Bit for Targeter	2

Reference

1. Smith & Nephew 2004. Design Surgeon Meeting. Internal Report.
2. Smith & Nephew 2004. Saw Bone Evaluation. Internal Report
3. Smith & Nephew 2004. Osteological collection Study (Parts 1, 2 & 3). Internal Report.

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