



PERI-LOC[◇] PFP

4.5mm Proximal Femur Locking Plate

Surgical Technique

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Nota Bene

The technique description herein is made available to the healthcare professional to illustrate the treatment for the uncomplicated procedure. In the final analysis, the preferred treatment is the individual surgeon's decision, which addresses the needs of the specific patient.

Product overview

Introduction

Proximal femur fractures are challenging injuries that are prone to a variety of complications. Factors such as rotational instability, the presence of varied fracture patterns and complex deforming forces, and the frequent association of these fractures with comminution and/or poor bone quality require dedicated implants for optimal fracture fixation.

The PERI-LOC® PFP 4.5mm Proximal Femur Locking Plate offers a total of six individual screw options in the proximal femur for superior stability and intraoperative versatility. An anatomically bowed shaft maximizes plate-to-bone coverage extending down the shaft of the femur for an optimal anatomic implant fit. The minimally invasive procedure is facilitated by a radiolucent targeting system designed to reduce the potential for soft tissue damage or disruption of blood supply.

The PERI-LOC Locked Plating System combines the advantages of locked plating with the flexibility and benefits of traditional plates and screws. Utilizing both locking and non-locking screws, the PERI-LOC system allows for the creation of a fixed-angle construct capable of resisting angular collapse and rotational displacement. Its enhanced stability also allows it to function as an effective fracture reduction aid. A simple, intuitive instrument set featuring standardized drill bits and screwdrivers along with color-coded drill guides helps make the PERI-LOC system efficient and easy to use.

With its multiple points of fixation and anatomic plate design, the PERI-LOC 4.5mm Proximal Femur Locking Plate (PFP) is geared towards superior fixation of challenging proximal femur fractures.

All PERI-LOC PFP implants are manufactured using the highest quality 316L stainless steel for strength and durability.



Indications

The PERI-LOC[®] 4.5mm Proximal Femur Locking Plate is indicated for the treatment of:

- Fractures of the trochanteric region including simple intertrochanteric, reverse intertrochanteric, transverse trochanteric, complex multifragmentary and fractures with medial cortex instability
- Proximal femur fractures with ipsilateral shaft fractures
- Metastatic proximal femur fractures
- Proximal femur osteotomies
- Fractures in osteopenic bone
- Nonunions and malunions
- Basi/transcervical femoral neck fractures
- Subcapital femoral neck fractures
- Subtrochanteric femur fractures



Locking Hole Insert and Cable Accessory indications

PERI-LOC Locking Hole Inserts and Cable Accessories are intended for use with the existing PERI-LOC Locked Plating System and its cleared indications for use as listed below.

The PERI-LOC Periarticular Locked Plating System including Locking Hole Inserts and Cable Accessories can be used for adult and pediatric patients, as well as patients with osteopenic bone. PERI-LOC plates and screws are indicated for fixation of pelvic, small and long bone fractures, including those of the tibia, fibula, femur, pelvis, acetabulum, metacarpals, metatarsals, humerus, ulna, radius, calcaneus and clavicle.

PERI-LOC Periarticular Locked Plating System Proximal Femur Plates, Bone Screws, Locking Hole Inserts and Cable Accessories can be used for adult patients as well as patients with osteopenic bone. PERI-LOC Proximal Femur Locking Bone Plates (PFP), Bone Screws, Locking Hole Inserts and Cable Accessories are indicated for fractures of the trochanteric region including simple intertrochanteric, reverse oblique trochanteric, transverse trochanteric, complex multi-fragmentary, and fractures with medial cortex instability; proximal femur fractures combined with ipsilateral shaft fractures; pathological fractures of the proximal femur including metastatic fractures; proximal femur osteotomies; fixation of fractures in osteopenic bone; fixation of nonunions and malunions; basi/transcervical femoral neck fractures; subcapital femoral neck fractures; and subtrochanteric femur fractures.

Components in the PERI-LOC Periarticular Locked Plating System are for single use only.

PERI-LOC[®] Proximal Femur case examples

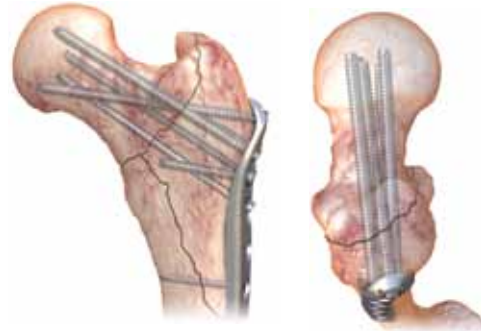


Postoperative radiographs

Design features and benefits

Multiple fixation points

Each PERI-LOC[®] 4.5mm Proximal Femur Locking Plate offers up to six points of fixation in the proximal femur. Five screws support the femoral neck and head and one targets the calcar femorale. Multiple points of fixation optimize the implant's ability to resist rotational and varus stresses through the trochanteric region. Screws may be inserted in either locking or non-locking mode to allow for the creation of customizable hybrid locked plating constructs.



Anatomical plate design

The head of the 4.5mm Proximal Femur Locking Plate is precontoured to fit the anatomy of the lateral aspect of the greater trochanter. Extending down the shaft of the femur, the plate sits straight along the lateral cortex with an anterior curve beginning at the six hole plate option. This anterior curve provides an anatomic plate fit to ensure optimal plate position on bone. Left and right Proximal Femur Locking Plate versions are the natural result of an anatomically contoured plate design.



Minimally invasive

A radiolucent targeter is available for percutaneous fixation of proximal femur fractures. The targeter is comprised of two parts, a base segment for short plates and an extension that matches the anatomic contour of the plate to ensure precision targeting of the distal holes in longer plates. Standard PERI-LOC radiolucent targeter instrumentation facilitates streamlined minimally invasive fixation of proximal femur fractures.



PERI-LOC[◊] PFP implant overview

PERI-LOC 4.5mm Proximal Femur Locking Plate

- Anatomically contoured to the lateral aspect of the proximal femur
- Left and right specific
- Six distinct points of fixation in the proximal femur
- Bullet plate tip assists with percutaneous insertion and minimizes prominence
- Locking or non-locking option in every screw hole
- Each screw hole accepts 4.5mm Cortex, 4.5mm Locking, 5.7mm Cannulated Locking, 6.5mm Cancellous, 6.5mm Cannulated Conical, 6.5mm Cannulated Locking Screws and/or 4.5mm Locking Hole Inserts
- 2.3 meter anatomic bow beginning at the sixth hole to maximize plate coverage extending down the femoral shaft
- Radiolucent targeter available for percutaneous fracture fixation
- Compatible with the PERI-LOC Large Fragment Locked Plating System
- Manufactured from 316L stainless steel for strength and durability



PERI-LOC PFP Screws

- Low profile heads to reduce soft tissue irritation
- Self-Tapping 4.5mm Cortex and 4.5mm Locking Screws
- Self-Drilling, Self-Tapping 5.7mm Cannulated Locking, 6.5mm Cannulated Conical and 6.5mm Cannulated Locking Screws
- Manufactured from 316L stainless steel for strength and durability



New 6.5mm
Cannulated Screws

PERI-LOC[®] PFP Cable Saddle

- Holds cable in position around a plate
- Snap-fits into 4.5mm and 5.7mm screws and 4.5mm Locking Hole Inserts
- No drilling required
- System compatibility:
Standard ACCORD[®] Cable System implants and all cable systems using up to a 2.0mm diameter stainless steel cable
- Manufactured from 316L stainless steel for strength and durability



Cable Saddle

Cat. No.	Description
7480-0601	Short Hex Cable Saddle <i>for use with</i>
7480-0607	4.5mm Hex LHI
7380-1014	Tall T25 Cable Saddle <i>for use with</i>
7480-0605	T25 LHI 4.5mm Screw (T25)
7480-0602	Tall Hex Cable Saddle <i>for use with</i> 4.5mm/5.7mm Screw (Hex)

Note 3.5mm LHI's do not use cable saddles
All screws that are used with the PFP plate require a tall cable saddle

PERI-LOC Locking Hole Inserts

- Designed to fill unused holes in the 4.5mm PFP Plates
- May be used standalone or in conjunction with the Cable Saddle and ACCORD Cable System implants
- For application use the 3.5mm Hexdriver Shaft and a minimum 35 in-lb Torque Limiter (4.0NM)



PERI-LOC 4.5mm
Hex Locking
Hole Insert



PERI-LOC 4.5mm
T25 Locking
Hole Insert



4.7NM Torque Limiter

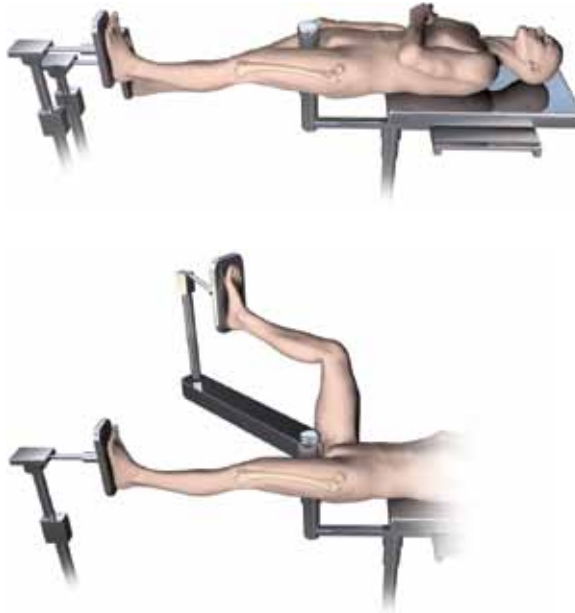
Surgical Technique

Patient positioning

Place the patient in the supine or lateral position on a radiolucent surgical table according to surgeon preference and fracture pattern. If using a fracture table, the foot of the affected limb is placed in a foot holder or a skeletal traction pin is used to achieve traction. The unaffected limb is extended down and away from the affected limb or placed up in a leg holder.

Check the affected limb for length and rotation by comparison to the unaffected limb. Rotate the C-Arm to ensure optimal AP and lateral visualization of the proximal femur.

Note If using a radiolucent surgical table, a distraction device may be helpful in reducing the fracture.



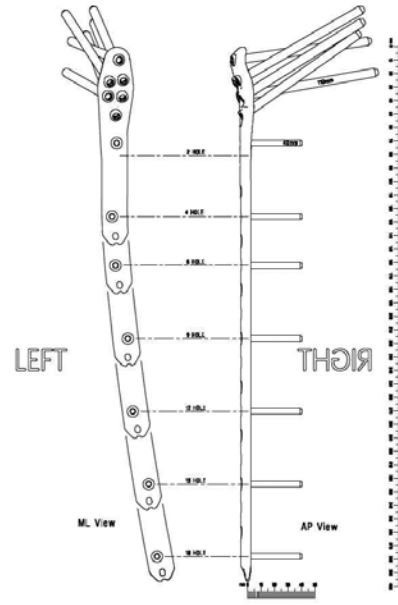
Fracture reduction and provisional fixation

Obtain gross skeletal alignment using applied traction, reduction forceps, a ball spike pusher, half pins or other conventional methods of reduction. Provisionally secure fracture fragments using 2.0mm K-wires or reduction forceps. Reduction aids should be placed so as not to interfere with final plate placement.

Plate selection

Following fracture reduction, select the 4.5mm Proximal Femur Locking Plate that best accommodates patient anatomy and fracture pattern. The PERI-LOC[®] 4.5mm Proximal Femur Locking Plate Preoperative Template is available to assist with preoperative radiographic planning. Plate and screw length may be determined.

Note As template magnification levels are set at 117%, all measurements are estimates of true size. All implant measurements must be verified intraoperatively.



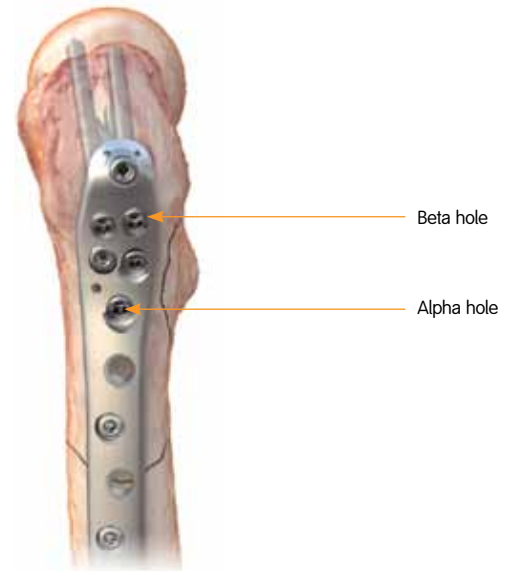
PERI-LOC 4.5mm Lateral Proximal Femur Locking Plate Preoperative Template
Cat. No. 7118-1258

Plate positioning

Position the PERI-LOC 4.5mm Locking Proximal Femur Plate against the lateral aspect of the greater trochanter. Extending distally, the plate will line up along the lateral cortex of the femoral shaft. Thread a 3.2mm Drill Guide into the designated “Alpha” hole on the plate*. The 4.5mm Proximal Femur Locking Plate may be provisionally fixed to the proximal femur using 3.2mm Drill Tip Guide Pins and then compressed to the femoral shaft using reduction forceps and/or Provisional Fixation Pins. The Alpha hole serves as the designated point of reference for correct plate position within the proximal fragment and initial guide pin insertion. The drill guide can also be used as a handle to aid in positioning the plate.

Note The 3.2mm Drill Guide has a hex recess that will accept a 4.7mm Hexdriver. This may be helpful in drill guide removal and during plate positioning.

Note Based on patient anatomy and plate position, not all proximal screw options may be used.



*If inserting the plate using the open technique

Open technique

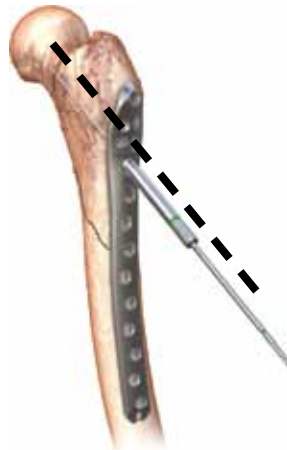
Alpha hole guide pin insertion

Thread the 3.2mm Drill Guide (7117-6753) into the Alpha hole of the proximal femur locking plate.

Verify plate position on the greater trochanter in both the AP and lateral views. Attach a 3.2mm Drill Tip Guide Pin (7117-5704) to power via the Mini Connect Adapter and insert into the femoral head through the drill guide to the desired depth.

Optimal guide pin position is just superior to the calcar (AP view) and in-line with the femoral neck axis (AP and lateral views). The guide pin should be inserted to the desired depth, but should not penetrate the subchondral bone of the femoral head.

Note If the plate and guide pin are in the desired position, proceed to Beta hole guide pin insertion section.



In the instance of sub-optimal guide pin placement, reposition as follows:

- Remove the 3.2mm Guide Pin
- Reposition the PERI-LOC[®] Proximal Femur Plate on the greater trochanter
- Repeat the steps for Alpha hole guide pin insertion



Beta hole guide pin insertion

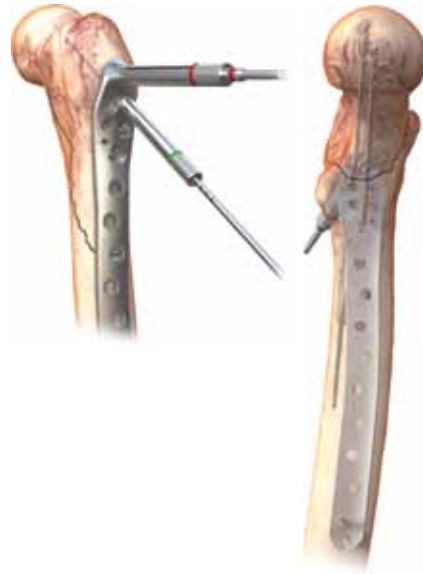
Thread a 3.2mm Drill Guide into the most superior/posterior hole in the proximal portion of the plate (Beta hole). Insert a 3.2mm Drill Tip Guide Pin through the drill guide to the desired depth. Verify guide pin position in both the AP and lateral views.

Note Always ensure that at least two guide pins have been inserted into the proximal femur before proceeding with screw insertion. These guide pins will help control any rotational instability.

Note A 4.5mm x 80mm Provisional Fixation Pin (7117-5705) may be inserted through the Beta hole in place of the 3.2mm Guide Pin if fracture compression or plate-to-bone reduction is desired prior to screw insertion. This requires a 4.5mm Drill Guide (7117-3541) in place of the 3.2mm version. Provisional Fixation Pins provisionally fix the plate to the bone to ensure correct placement prior to definitive fixation. Screws should be inserted prior to removing Provisional Fixation Pins.

Determine which screws are most appropriate for fracture fixation. A combination of 4.5mm Cortex, 4.5mm Locking, 5.7mm Cannulated Locking, 6.5mm Cancellous, 6.5mm Cannulated Conical and 6.5mm Cannulated Locking Screws may be used. It is recommended that screw insertion begin with the Alpha hole before proceeding further.

Note It is recommended that all guide pins for remaining proximal screws be inserted and verified under fluoroscopy in both the AP and lateral views to confirm position prior to proceeding with screw insertion.



Screw insertion

The choice of screws 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 configuration of the various types of screws available in the system.

6.5mm Cannulated Screw insertion

Measure for screw length by reading the exposed calibrations off the 3.2mm Drill Tip Guide Pin or by sliding the 6.5mm Cannulated Depth Gauge (7117-6770) over the guide pin to the back of the Guide Pin Insert.



Attach the 4.7mm Cannulated Hexdriver (7117-7161) to power via the Large Quick Connect Adapter and insert the appropriate length 6.5mm Cannulated Conical or Cannulated Locking Screw over the 3.2mm Drill Tip Guide Pin. Alternatively, screws may be inserted by hand using the Quick Connect T-handle (7117-7204).

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.

Note The self-drilling/tapping design of the 6.5mm Cannulated Conical and Locking Screws renders pre-drilling and tapping for the screw unnecessary in most instances. However, if encountering hard bone, it may be useful to drill and/or tap prior to screw insertion*.



*5.0mm Cannulated Drill Bit (7117-7134) and 6.5mm Cannulated Screw Tap (7117-7143)

5.7mm Cannulated Locking Screw insertion

Thread the 4.5mm Locking Screw Guide (7117-3541) into the desired screw hole and insert and drill with the 4.5mm Drill Bit (7117-3506) to the desired depth. Verify drill bit placement in both the AP and lateral views. Calibrations on side of drill will determine screw length.

Note Due to the density of the bone in the proximal femur and the likelihood of pin skiving, it is recommended that 2.0mm K-wires not be used.



Remove the 4.5mm Drill Bit and 4.5mm Locking Drill Guide.

Attach the 3.5mm Hexdriver (7117-3537) to power via the Connector and insert the appropriate length 5.7mm Cannulated Locking Screw. Alternatively, screws may be inserted by hand using the Large Quick Connect Handle.

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.



4.5mm Cortex Screw

Insert the Universal Drill Guide Handle (7117-3349) with 3.5mm Neutral Locking Hole Insert (7117-3521) into the desired screw hole in the plate shaft and drill accordingly with Short 3.5mm Drill Bit (7117-3504). If inserting a 4.5mm Cortex Screw into the proximal portion of the plate, it is recommended that the Long 3.5mm Drill Bit (7117-3505) be used.

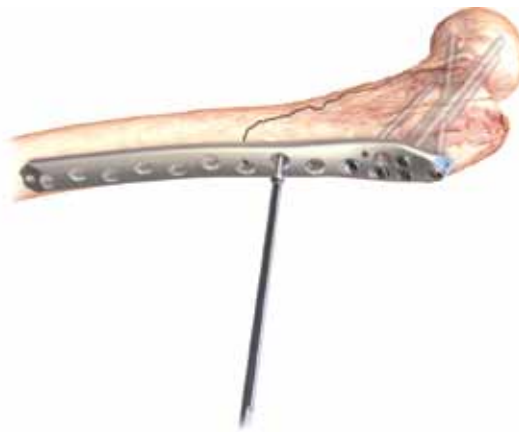


Measure for screw length by reading the exposed calibrations off the drill bit or by using the Large Screw Depth Gauge (7117-3331).



Insert the appropriate length 4.5mm Cortex Screw using the 3.5mm Hexdriver Shaft (7117-3537) and Large Quick Connect Handle.

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.



4.5mm Locking Screw

Thread a 3.5mm Locking Drill Guide (7117-3451) One-Piece* into the desired screw hole in the plate and drill accordingly with the Short 3.5mm Drill Bit.

Note If inserting a 4.5mm Locking Screw into the proximal portion of the plate, it is recommended that the Long 3.5mm Drill Bit be used.

Measure for screw length by reading the exposed calibrations off the drill bit or by using the Large Screw Depth Gauge.

Insert the appropriate length 4.5mm Locking Screw using the 3.5mm Hexdriver Shaft and Large Quick Connect Handle.

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head, or damage to the screwdriver.

Fill remaining screw holes as desired.



*The 4.5mm Locking Screw Guide (7117-3539) with 3.5mm Locking Guide Insert (7117-3530) may be used in place of the 3.5mm Locking Drill Guide One-Piece

Locking Hole Insert and Cable Saddle

The PERI-LOC® 4.5mm Locking Hole Insert (HEX) (7480-0607) or the PERI-LOC 4.5mm Locking Hole Insert (T25) (7480-0605) may be added to any screw hole in the PERI-LOC Proximal Femur Locking Plate as desired.



The Locking Hole Insert may be used standalone or in conjunction with cable saddle accessories. The Locking Hole Inserts and Cable Saddle are also available in Hexalobe (T25) designs.

Note For the 4.5mm PERI-LOC Locking Hole Insert (HEX) the PERI-LOC Cable Saddle Short (7480-0601) is used because this insert sits higher off the plate than the T25 locking hole insert. For the 4.5mm PERI-LOC Locking Hole Insert (T25) the PERI-LOC T25 Cable Saddle Tall (7380-1014) is used.

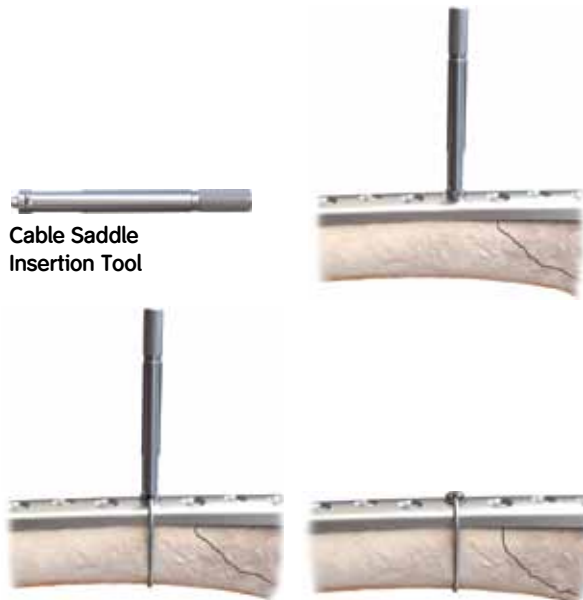
Insert the 4.5mm Locking Hole Insert into unused holes in the PFP plate using the 3.5 Hexdriver Shaft and a minimum 35 in-lb Torque Limiter (4.0NM).

The Cable Saddles can also be used in the head of an inserted screw. Insert the PERI-LOC Cable Saddle Tall (7480-0602) into the head of an inserted screw (HEX) or insert the PERI-LOC T25 Cable Saddle Tall (7380-1014) into the head of an inserted screw (T25).

The Cable Saddle Tall (7480-0602) is compatible with any stainless steel cables between 1.6mm and 2.0mm. Attach the Cable Saddle Tall to the Cable Saddle Insertion Tool (7117-6766). Using the insertion tool, insert the tall Cable Saddle into the head of an inserted screw or into any desired Locking Hole Insert.

The cable can be threaded into the Cable Saddle with the insertion tool still attached (see illustration at right).

Proceed accordingly with cable application as described in the particular technique.



Locking Hole Insert use

The choice of Locking Hole Insert use and the configuration is a decision to be made by the individual surgeon depending on patient circumstances and needs. Smith & Nephew does not recommend any particular Locking Hole Insert quantity or configuration.

Percutaneous Technique using Radiolucent Targeter

Radiolucent Targeter assembly

Assemble the PERI-LOC® Targeter Handle (7117-6748 Left or 7117-6749 Right) to the selected plate by threading the 3.5mm Drill Guide through the handle into the most proximal hole until tight. Attach the corresponding Targeter Base to the handle (7117-6750 or 7117-6751).

Note The targeter extension (7117-6752) is required for 12 hole plates and longer.

For final tightening, rotate the locking nut clockwise by hand. Attach the corresponding Targeter Base to the handle (7117-6750 or 7117-6751).

Insert a 4.5mm Screw Guide (7117-3397) through the Alpha hole in the Targeter base. Insert a 3.2mm Drill Guide (7117-6745) into the 4.5mm Screw Guide and thread into the Alpha hole of the plate. The plate is now ready to be inserted into the patient.



Plate insertion and provisional fixation

Insert the plate through the incision using the attached handle/targeter base assembly as an insertion aid. Slide the plate down the shaft of the femur between muscle and periosteum keeping the distal tip of the plate against bone.

Note The Targeter Extension (7117-6752) may need to be removed to assist with insertion. Reattach the Targeter Extension after the plate has been fully inserted.

Confirm plate position under fluoroscopy in the AP and lateral views.

Attach a 3.5mm x 18mm Provisional Fixation Pin (7117-5703) to power via the Quick Connector and insert through the drill guide of the superior most hole. Tighten the pin by hand using the Quick Connect Handle to avoid pin stripping.

Note Provisional Fixation Pins provisionally fix the plate to the bone to ensure correct placement prior to definitive fixation. Screws should be inserted prior to removing Provisional Fixation Pins.

With the plate provisionally secured to bone proximally, make a stab incision over the most distal screw hole in line with the targeter base. Insert a Trocar (7117-3404) into a 4.5mm Screw Guide and pass the assembly through the targeter base into the plate. Remove the trocar from the screw guide and replace it with a 3.5mm Drill Guide. Thread the drill guide into the plate until tight. Insert a 3.5mm x 18mm Provisional Fixation Pin through the drill guide and tighten as previously described.



Alpha hole guide pin insertion

Insert a 3.2mm Drill Guide (7117-6745) into a 4.5mm Screw Guide, pass the assembly through the targeter and thread into the Alpha hole until tight. Attach a 3.2mm Drill Tip Guide Pin (7117-5701) to power via the Mini Connector and insert through the drill guide to the desired depth in the femoral neck and head. Verify guide pin position under fluoroscopy in both the AP and lateral views.

Optimal guide pin position is just superior to the calcar (AP view) and in-line with the femoral neck axis (AP and lateral views). The guide pin should be inserted to the desired depth, but should not penetrate the subchondral bone of the femoral head.

Note If the plate and guide pin are in the desired position, proceed to Beta hole guide pin insertion section (page 20).

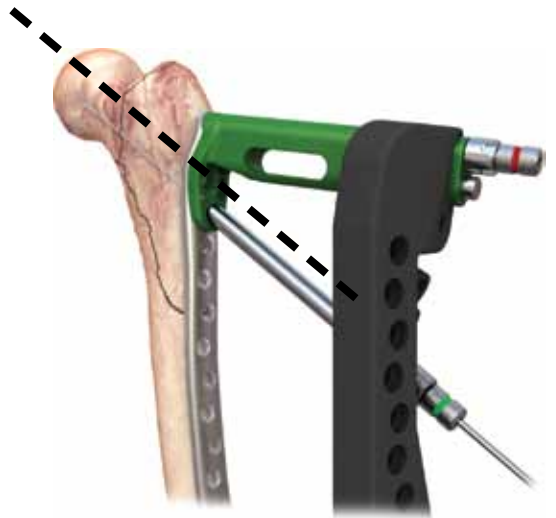


Plate repositioning

In the instance of suboptimal guide pin position:

- Remove the 3.2mm Drill Tip Guide Pin
- Remove the proximal and distal provisional fixation pins (remove screw guide assemblies as needed)
- Adjust plate position
- Re-insert screw guide assemblies if removed and provisional fixation pins
- Insert a 3.2mm Guide Pin through the Alpha hole



Beta hole guide pin insertion

Thread a 4.5mm Screw/3.2mm Drill Guide assembly into the most superior/posterior hole in the proximal portion of the plate (Beta hole). Insert a 3.2mm Drill Tip Guide Pin through the drill guide to the desired depth. Verify guide pin position in both the AP and lateral views.



Note Always ensure that at least two guide pins have been inserted into the proximal femur before proceeding with screw insertion. These guide pins will help control any rotational instability.

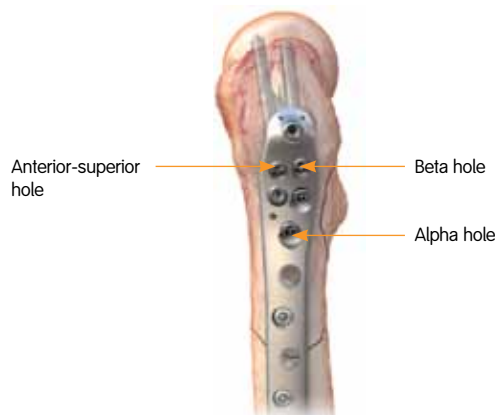
Note A 4.5mm x 80mm Provisional Fixation Pin (7117-5702) may be inserted through the Beta hole in place of the 3.2mm Guide Pin if fracture compression or plate-to-bone reduction is desired prior to screw insertion. This requires a 4.5mm Drill Guide (7117-3383) in place of the 3.2mm version.



Determine which screws are most appropriate for fracture fixation. A combination of 4.5mm Cortex, 4.5mm Locking, 5.7mm Cannulated Locking, 6.5mm Cancellous, 6.5mm Cannulated Conical and 6.5mm Cannulated Locking Screws may be used. Begin screw insertion with the Alpha and Beta holes before proceeding further.



Note To insert the Anterior-Superior Screw using the Radiolucent Targeter, remove 4.5mm Screw Guide from the Beta hole. Reinsert the appropriate drill guide and thread it into the Anterior-Superior hole. Insert a 3.2mm Drill Tip Guide Pin through the drill guide to the desired depth. Remove Screw Guide before inserting the appropriate Screw, leaving the Guide Pin in place. Once screw is inserted, remove Guide Pin, then tighten Screw by hand until snug.



Screw insertion

The choice of screws 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 configuration of the various types of screws available in the system.

6.5mm Cannulated Screw insertion

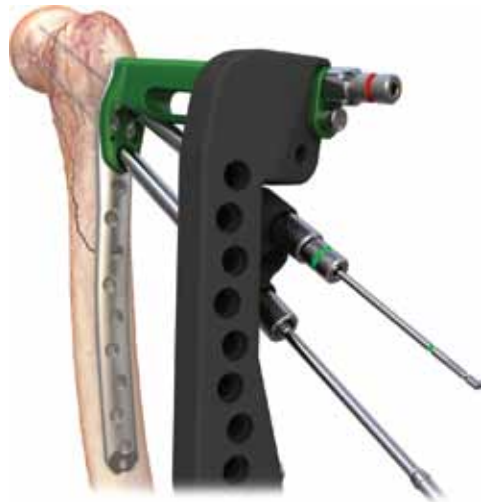
Measure for screw length by reading the exposed calibrations off the 3.2mm Drill Tip Guide Pin or by sliding the Cannulated Depth Gauge over the guide pin to the back of the 3.2mm Drill Guide.



Remove the 3.2mm Drill Guide from the screw guide. Attach the 4.7mm Cannulated Hexdriver to power via the Large AO Quick Connect and insert the appropriate length 6.5mm Cannulated Conical or Cannulated Locking Screw over the 3.2mm Drill Tip Guide Pin. Alternatively, screws may be inserted by hand using the Quick Connect T-handle.

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.

Note The self-drilling/tapping design of the 6.5mm Cannulated Conical and Locking Screws renders pre-drilling and tapping for the screw unnecessary in most instances. However, if encountering hard bone, it may be useful to drill and/or tap prior to screw insertion*.



*5.0mm Cannulated Drill Bit (7117-7134) and 6.5mm Cannulated Screw Tap (7117-7143)

5.7mm Cannulated Locking Screw insertion

Insert a 4.5mm Drill Guide (7117-3383) into a 4.5mm Screw Guide. Pass the assembly through the targeter base into the desired screw hole and tighten. Insert a 4.5mm Drill Bit (7117-3403) through the assembly to the desired depth. Verify drill bit placement in both the AP and lateral views.



Measure for screw length by reading the exposed calibrations off the drill bit or by using the 4.5mm Depth Gauge (7117-6747) by removing the drill guide and passing the depth gauge through the screw guide.



Attach the 3.5mm Cannulated Hexdriver (7117-3434) to power via the Mini Connector and insert the appropriate length 5.7mm Cannulated Locking Screw. Alternatively, screws may be inserted by hand using the Large Quick Connect Handle.

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.

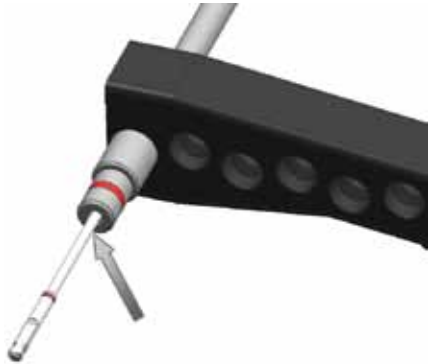


4.5mm Cortex and Locking Screw insertion

Pass a 4.5mm Screw/3.2mm Drill Guide assembly through the targeter base and into the desired screw hole in the plate shaft. Tighten the drill guide into the plate and drill accordingly with Long 3.5mm Drill Bit (7117-3402).



Measure for screw length by reading the exposed calibrations off the drill bit. Remove the drill bit and drill guide.



Insert the appropriate length 4.5mm Cortex or Locking Screw using the 3.5mm Hexdriver Shaft (7117-3409) and Large Quick Connect Handle.

Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.

Fill remaining screw holes as desired.



Targeter removal

Remove all provisional fixation pins and screw guide sleeves still in place. Loosen the locking nut by rotating the Locking Tool counter-clockwise. Remove the drill guide. Extract the targeter assembly from the incision taking care to prevent the connecting bolt from falling out of the targeter.



Closure

Obtain final AP and lateral radiographic images to confirm implant position and fracture reduction. Wound closure follows standard technique.



Catalog information



PERI-LOC[®] Proximal Femur Instrument and Implant Set

Set No. 7181-3501

Instrument Case

Cat. No.	Description
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7117-6760	PERI-LOC Proximal Femur Implant Tray
7117-6761	PERI-LOC Proximal Femur Implant Tray Lid

Instruments

Cat. No.	Description	Tray Qty
7117-3541	PERI-LOC 4.5mm Drill Guide	2
7117-3451	PERI-LOC 3.5mm Drill Guide	2
7117-3616*	T25 Self-retaining Screwdriver Shaft, 178mm	1
7117-3623*	4.7NM Torque Limiter	1
7117-5704	3.2mm x 300mm Calibrated Drill Tip Guide Pin	6
7117-5705	PERI-LOC 4.5mm Drill Tip PF Pin, 80mm, Short	2
7117-5706	PERI-LOC 3.5mm Drill Tip PF Pin, 18mm, Short	2
7117-6753	PERI-LOC 3.2mm Drill Guide	4
7117-6765	PERI-LOC Cable Saddle and Locking Hole Insert Caddy Lid	1
7117-6766	Cable Saddle Insertion Tool	1
7117-6776	PERI-LOC Cable Saddle and Locking Hole Insert Caddy	1
7163-1186	Mini Adaptor (Hall/Jacobs Male To Mini Connect)	1

* Item not currently available in a set. Item must be ordered separately.

Note The PERI-LOC 4.7NM Torque Limiter must be calibrated every six months.

Implants, stainless steel

Cat. No.	Description	LengthH,	Tray Qty
7482-0402	4.5mm Proximal Femur Locking Plate, 2H, Left	99mm	1
7482-0404	4.5mm Proximal Femur Locking Plate, 4H, Left	144mm	1
7482-0406	4.5mm Proximal Femur Locking Plate, 6H, Left	180mm	1
7482-0409	4.5mm Proximal Femur Locking Plate, 9H, Left	234mm	1
7482-0412	4.5mm Proximal Femur Locking Plate, 12H, Left	288mm	1
7480-0415*	4.5mm Proximal Femur Locking Plate, 15H, Left	342mm	1
7480-0418*	4.5mm Proximal Femur Locking Plate, 18H, Left	396mm	1
7482-0502	4.5mm Proximal Femur Locking Plate, 2H, Right	99mm	1
7482-0504	4.5mm Proximal Femur Locking Plate, 4H, Right	144mm	1
7482-0506	4.5mm Proximal Femur Locking Plate, 6H, Right	180mm	1
7482-0509	4.5mm Proximal Femur Locking Plate, 9H, Right	234mm	1
7482-0512	4.5mm Proximal Femur Locking Plate, 12H, Right	288mm	1
7480-0515*	4.5mm Proximal Femur Locking Plate, 15H, Right	342mm	1
7480-0518*	4.5mm Proximal Femur Locking Plate, 18H, Right	396mm	1
7480-0601*	PERI-LOC [®] Cable Saddle, Short and Tray		6
7480-0602**	PERI-LOC Cable Saddle, Tall		6
7480-0605*	PERI-LOC 4.5mm Locking Hole Insert (T25)		4
7480-0607*	PERI-LOC 4.5mm Locking Hole Insert (HEX)		4
7380-1014*	PERI-LOC T25 Cable Saddle, Tall		6

* Additionally available, sterile only

** Sterile only, included in Set No. 7181-3501

Catalog information



PERI-LOC[®] Proximal Femur Screw/ Instrument Set

Set No. 7181-3502

Instrument Case

Cat. No.	Description
7117-6762	PERI-LOC 6.5mm Screw/Instrument Tray
7117-6763	PERI-LOC 6.5mm Screw/Instrument Tray Lid

Instruments

Cat. No.	Description	Tray Qty
7117-7205	Quick Chuck Adaptor (Hall/Jacobs Male to Large AO)	1
7117-7204	Quick Connect T-handle, Large AO	1
7117-5704	3.2mm x 300mm Calibrated Drill Tip Guide Pin	6
7117-7161	4.7mm Cannulated Hexdriver	1
7163-1186	Mini Adaptor (Hall/Jacobs Male to Mini Connect)	1
7117-7134	5.0mm Cannulated Drill Bit	2
7117-7143	6.5mm Cannulated Screw Tap w/Quick Connect	1
7117-6770	PERI-LOC 6.5mm Cannulated Screw Depth Gauge	1

Implants, stainless steel

Cat. No.	Description	Tray Qty
7482-0060	6.5mm x 60mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0065	6.5mm x 65mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0070	6.5mm x 70mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0075	6.5mm x 75mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0080	6.5mm x 80mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0085	6.5mm x 85mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0090	6.5mm x 90mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0095	6.5mm x 95mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0100	6.5mm x 100mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0105	6.5mm x 105mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0110	6.5mm x 110mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0115	6.5mm x 115mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0120	6.5mm x 120mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0125	6.5mm x 125mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0130	6.5mm x 130mm Conical Cannulated Screw, 22mm, Threaded	2
7482-0260	6.5mm x 60mm Locking Cannulated Screw, Fully Threaded	2
7482-0265	6.5mm x 65mm Locking Cannulated Screw, Fully Threaded	2
7482-0270	6.5mm x 70mm Locking Cannulated Screw, Fully Threaded	2
7482-0275	6.5mm x 75mm Locking Cannulated Screw, Fully Threaded	2
7482-0280	6.5mm x 80mm Locking Cannulated Screw, Fully Threaded	4
7482-0285	6.5mm x 85mm Locking Cannulated Screw, Fully Threaded	4
7482-0290	6.5mm x 90mm Locking Cannulated Screw, Fully Threaded	4
7482-0295	6.5mm x 95mm Locking Cannulated Screw, Fully Threaded	4
7482-0300	6.5mm x 100mm Locking Cannulated Screw, Fully Threaded	4
7482-0305	6.5mm x 105mm Locking Cannulated Screw, Fully Threaded	4
7482-0310	6.5mm x 110mm Locking Cannulated Screw, Fully Threaded	3
7482-0315	6.5mm x 115mm Locking Cannulated Screw, Fully Threaded	3
7482-0320	6.5mm x 120mm Locking Cannulated Screw, Fully Threaded	3
7482-0325	6.5mm x 125mm Locking Cannulated Screw, Fully Threaded	2
7482-0330	6.5mm x 130mm Locking Cannulated Screw, Fully Threaded	2

Catalog information

4.5mm T25 Locking Screw, Self-tapping, Non-Sterile



Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7382-7010*	10mm	7382-7038	38mm	7382-7066	66mm
7382-7012*	12mm	7382-7040	40mm	7382-7068	68mm
7382-7014	14mm	7382-7042	42mm	7382-7070	70mm
7382-7016	16mm	7382-7044	44mm	7382-7072	72mm
7382-7018	18mm	7382-7046	46mm	7382-7074	74mm
7382-7020	20mm	7382-7048	48mm	7382-7076	76mm
7382-7022	22mm	7382-7050	50mm	7382-7078	78mm
7382-7024	24mm	7382-7052	52mm	7382-7080	80mm
7382-7026	26mm	7382-7054	54mm	7382-7085	85mm
7382-7028	28mm	7382-7056	56mm	7382-7090	90mm
7382-7030	30mm	7382-7058	58mm	7382-7095	95mm
7382-7032	32mm	7382-7060	60mm	7382-7100	100mm
7382-7034	34mm	7382-7062	62mm		
7382-7036	36mm	7382-7064	64mm		

4.5mm T25 Cortex Screw, Self-tapping, Sterile



Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7380-6014	14mm	7380-6044	44mm	7380-6074	74mm
7380-6016	16mm	7380-6046	46mm	7380-6076	76mm
7380-6018	18mm	7380-6048	48mm	7380-6078	78mm
7380-6020	20mm	7380-6050	50mm	7380-6080	80mm
7380-6022	22mm	7380-6052	52mm	7380-6085	85mm
7380-6024	24mm	7380-6054	54mm	7380-6090	90mm
7380-6026	26mm	7380-6056	56mm	7380-6095	95mm
7380-6028	28mm	7380-6058	58mm	7380-6100	100mm
7380-6030	30mm	7380-6060	60mm	7380-6105	105mm
7380-6032	32mm	7380-6062	62mm	7380-6110	110mm
7380-6034	34mm	7380-6064	64mm	7380-6115	115mm
7380-6036	36mm	7380-6066	66mm	7380-6120	120mm
7380-6038	38mm	7380-6068	68mm	7380-6125	125mm
7380-6040	40mm	7380-6070	70mm	7380-6130	130mm
7380-6042	42mm	7380-6072	72mm		

* Bunt tip

4.5mm T25 Cortex Screw, Self-tapping, Non-Sterile

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7382-6014	14mm	7382-6042	42mm	7382-6070	70mm
7382-6016	16mm	7382-6044	44mm	7382-6072	72mm
7382-6018	18mm	7382-6046	46mm	7382-6074	74mm
7382-6020	20mm	7382-6048	48mm	7382-6076	76mm
7382-6022	22mm	7382-6050	50mm	7382-6078	78mm
7382-6024	24mm	7382-6052	52mm	7382-6080	80mm
7382-6026	26mm	7382-6054	54mm	7382-6085	85mm
7382-6028	28mm	7382-6056	56mm	7382-6090	90mm
7382-6030	30mm	7382-6058	58mm	7382-6095	95mm
7382-6032	32mm	7382-6060	60mm	7382-6100	100mm
7382-6034	34mm	7382-6062	62mm	7382-6105	105mm
7382-6036	36mm	7382-6064	64mm	7382-6110	110mm
7382-6038	38mm	7382-6066	66mm		
7382-6040	40mm	7382-6068	68mm		

6.5mm T25 Cancellous Screw, Partially Threaded, 24 Thread

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7180-8150	50mm	7180-8175	75mm	7180-8200	100mm
7180-8155	55mm	7180-8180	80mm	7180-8205*	105mm
7180-8160	60mm	7180-8185	85mm	7180-8210*	110mm
7180-8165	65mm	7180-8190	90mm		
7180-8170	70mm	7180-8195	95mm		



4.5mm Locking Hole Insert, Sterile

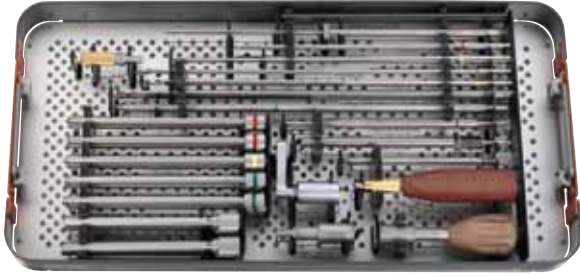
Cat. No.	Description
7480-0605	T25
7480-0607	Hex

Cable Saddle, Tall, Sterile

Cat. No.	Description
7480-0602	Hex
7380-1014	T25



* Sterile only



PERI-LOC[®] Proximal Femur Targeter Set

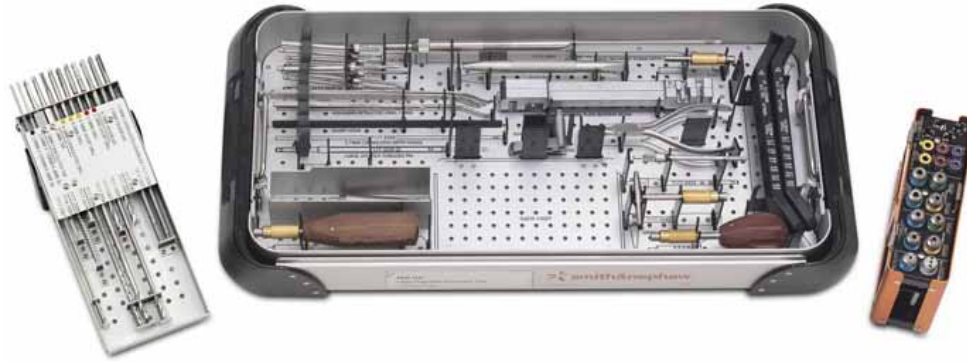
Set No. 7181-3503

Instrument Case

Cat. No.	Description
7117-6757	PERI-LOC Proximal Femur Targeter Outer Tray
7117-6758	PERI-LOC Proximal Femur Targeter Instrument Tray
7117-6759	PERI-LOC Proximal Femur Targeter Outer Tray Lid

Instruments

Cat. No.	Description	Tray Qty
7117-5701	3.2mm x 358mm Calibrated Drill Tip Guide Pin	6
7117-3382	PERI-LOC Targeter 3.5mm Drill Guide	2
7117-3383	PERI-LOC Targeter 4.5mm Drill Guide	2
7117-6745	PERI-LOC Targeter 3.2mm Drill Guide	4
7117-3397	PERI-LOC Targeter 4.5mm Screw Guide	4
7117-3402	PERI-LOC Targeter 3.5mm Drill Bit	2
7117-3403	PERI-LOC Targeter 4.5mm Drill Bit	2
7117-3404	PERI-LOC Targeter 4.5mm Trocar	1
7117-3481	PERI-LOC Targeter 3.5mm Hexdriver Shaft	2
7117-3410	PERI-LOC Targeter 4.7mm Hexdriver Shaft	1
7117-7158	PERI-LOC Targeter 4.7mm Cannulated Hexdriver Shaft	1
7117-7131	Teardrop Screwdriver Handle w/Large AO Quick Connect	1
7117-3547	Large Screwdriver Handle	1
7117-5703	PERI-LOC Targeter 3.5mm Drill Tip PF Pin, 18mm	2
7117-5702	PERI-LOC Targeter 4.5mm Drill Tip PF Pin, 80mm	2
7117-6746	PERI-LOC Targeter Handle Locking Tool	1
7117-6747	PERI-LOC Targeter 4.5mm Depth Gauge	1
7117-6769	PERI-LOC Targeter 6.5mm Cannulated Screw Depth Gauge	1
7163-1186	Mini Adaptor (Hall/Jacobs Male to Mini Connect)	1
7117-7205	Quick Chuck Adaptor (Hall/Jacobs Male to Large AO)	1
7117-6748	PERI-LOC Proximal Femur Targeter Handle, Left	1
7117-6749	PERI-LOC Proximal Femur Targeter Handle, Right	1
7117-6750	PERI-LOC Proximal Femur Targeter Base, Left	1
7117-6751	PERI-LOC Proximal Femur Targeter Base, Right	1
7117-6752	PERI-LOC Proximal Femur Targeter Base Extension	1
7117-3436	PERI-LOC Targeter 4.5mm Base Plug	10



PERI-LOC[®] Large Fragment System Instrument and Disposables Set

Set No. 7181-0221

Instrument Case

Cat. No.	Description
7112-9401	Small Outer Case
7112-9402	Lid for Outer Case
7117-0360	Large Fragment Drill Caddy
7117-0351	Large Fragment Drill Guide Caddy
7117-0362	Large Fragment Instrument Tray

Instruments

Cat. No.	Description	Tray Qty	Cat. No.	Description	Tray Qty
7117-0043	Sharp Hook	1	7117-3522	3.5mm Compression Locking Hole Insert	1
7117-0045	Screw Forceps	1	7117-3526	5.7mm Cannulated Depth Gauge	1
7117-0063	Wire Bending Pliers	1	7117-3527	Cannulated Bending Iron for K-wires	1
7117-3331	Large Fragment Screw Depth Gauge	1	7117-3528	Cannulated AO-to-Trinkle Adaptor	1
7117-3349	Universal Drill Guide Handle	2	7117-3530	3.5mm Locking Drill Guide Insert	2
7117-3353	Large Fragment Countersink	1	7117-3531	2.0mm K-wire Locking Hole Insert	2
7117-3393	Hohmann Retractor, Long	2	7117-3532	4.5mm Locking Drill Guide Insert	2
7117-3484	Large Fragment Bending Irons	2	7117-3536	3.5mm Cannulated Hexdriver	2
7117-3487	3.5mm Self-Retaining Hexdriver, 178mm	2	7117-3539	4.5mm/5.7mm Locking Screw Guide	4
7117-3513	3.5mm Drill Guide Insert	1	7117-3540	4.7mm Hexdriver	2
7117-3516	2.0mm Parallel Wire Guide Insert	1	7117-3542	Small T-handle w/AO Quick Connect	1
7117-3517	2.0mm Wire/Drill Insert	1	7117-3543	Tear Drop Screwdriver Handle w/AO Quick Connect	1
7117-3518	3.5mm Compression Slot Insert	1	7117-3547	Large Screwdriver Handle	1
7117-3519	3.5mm Neutral Slot Insert	1	7117-3550	Large Fragment Drill Guide Removal Tool	1
7117-3520	4.5mm Drill Guide Insert	2			
7117-3521	3.5mm Neutral Locking Hole Insert	1			

Optional Instruments*

Cat. No.	Description	Tray Qty
7117-3488	3.5mm Self-Retaining Hexdriver w/AO Quick Connect, 119mm	1
7117-3451	3.5mm Locking Drill Guide – One Piece	1
7117-3616	T25 Self-retaining Screwdriver Shaft, 178mm	1

*Not included in Set No. 7181-0221

Catalog information

Disposables

Cat. No.	Description	Tray Qty	Cat. No.	Description	Tray Qty
7116-1020	2.0mm x 150mm K-wire	6	7117-3506	4.5mm Calibrated Drill Bit w/ AO Quick Connect	2
7116-3361	2.0mm x 228mm K-wire	6	7117-3508	4.5mm Cannulated Drill Bit w/ AO Quick Connect	2
7117-3504	3.5mm Short Calibrated Drill Bit w/ AO Quick Connect	2	7117-3319	4.5mm Tap	2
7117-3505	3.5mm Calibrated Drill Bit w/ AO Quick Connect	2	7117-3509	6.5mm Cancellous Tap	2
7117-3507	4.5mm Short Calibrated Drill Bit w/ AO Quick Connect	2	7117-3324	3.5mm x 18mm Provisional Fixation Pin	4
			7117-3325	3.5mm x 40mm Provisional Fixation Pin	4



PERI-LOC[®] Large Fragment Screw Set

Set No. 7181-0070

Instrument Case

Cat. No.	Description
7112-9400	Large Outer Case
7112-9402	Lid for Outer Case
7117-0363	Large Fragment Screw Tray
7117-0355	5.7mm Cannulated Locking Screw Caddy
7117-0356	4.5mm Self-Tapping Cortex Screw Caddy
7117-0357	4.5mm Self-Tapping Locking Screw Caddy
7117-0358	6.5mm Cancellous Screw Caddy
7117-0363	Large Fragment Screw Tray

4.5mm Self-Tapping Cortex Screws

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7180-6010*	10mm	7182-6042	42mm	7182-6074	74mm
7180-6012*	12mm	7182-6044	44mm	7182-6076	76mm
7182-6014	14mm	7182-6046	46mm	7182-6078	78mm
7182-6016	16mm	7182-6048	48mm	7182-6080	80mm
7182-6018	18mm	7182-6050	50mm	7182-6085	85mm
7182-6020	20mm	7182-6052	52mm	7182-6090	90mm
7182-6022	22mm	7182-6054	54mm	7182-6095	95mm
7182-6024	24mm	7182-6056	56mm	7182-6100	100mm
7182-6026	26mm	7182-6058	58mm	7180-6105*	105mm
7182-6028	28mm	7182-6060	60mm	7180-6110*	110mm
7182-6030	30mm	7182-6062	62mm	7180-6115*	115mm
7182-6032	32mm	7182-6064	64mm	7180-6120*	120mm
7182-6034	34mm	7182-6066	66mm	7180-6125*	125mm
7182-6036	36mm	7182-6068	68mm	7180-6130*	130mm
7182-6038	38mm	7182-6070	70mm		
7182-6040	40mm	7182-6072	72mm		

4.5mm Self-Tapping Locking Screws

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7182-7010**	10mm	7182-7042	42mm	7182-7074	74mm
7182-7012**	12mm	7182-7044	44mm	7182-7076	76mm
7182-7014	14mm	7182-7046	46mm	7182-7078	78mm
7182-7016	16mm	7182-7048	48mm	7182-7080	80mm
7182-7018	18mm	7182-7050	50mm	7182-7085	85mm
7182-7020	20mm	7182-7052	52mm	7182-7090	90mm
7182-7022	22mm	7182-7054	54mm	7182-7095	95mm
7182-7024	24mm	7182-7056	56mm	7182-7100	100mm
7182-7026	26mm	7182-7058	58mm	7180-7105*	105mm
7182-7028	28mm	7182-7060	60mm	7180-7110*	110mm
7182-7030	30mm	7182-7062	62mm	7180-7115*	115mm
7182-7032	32mm	7182-7064	64mm	7180-7120*	120mm
7182-7034	34mm	7182-7066	66mm	7180-7125*	125mm
7182-7036	36mm	7182-7068	68mm	7180-7130*	130mm
7182-7038	38mm	7182-7070	70mm		
7182-7040	40mm	7182-7072	72mm		

* Available sterile only

** Blunt tip

Catalog Information

5.7mm Cannulated Locking Screws

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
7182-8020	20mm	7182-8055	55mm	7182-8090	90mm
7182-8025	25mm	7182-8060	60mm	7182-8095	95mm
7182-8030	30mm	7182-8065	65mm	7182-8100	100mm
7182-8035	35mm	7182-8070	70mm	7180-8105*	105mm
7182-8040	40mm	7182-8075	75mm	7180-8110*	110mm
7182-8045	45mm	7182-8080	80mm	7180-8115*	115mm
7182-8050	50mm	7182-8085	85mm	7180-8120*	120mm



6.5mm Cancellous Screws, Partially Threaded

Cat. No.	Length	Cat. No.	Length
7182-8150	50mm	7182-8180	80mm
7182-8155	55mm	7182-8185	85mm
7182-8160	60mm	7182-8190	90mm
7182-8165	65mm	7182-8195	95mm
7182-8170	70mm	7182-8100	100mm
7182-8175	75mm		



* Available sterile only

PERI-LOC[®] Large Fragment Screw Set – T25

Set No. 7181-0470

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7112-9400	Large Outer Case, 4.8mm	1	7117-0363	Tray	1
7112-9402	Lid for Outer Cases	1	7117-0701	4.5mm T25 Cortex Screw, Caddy	1
7114-3110	10.0mm OD Washer	6	7117-0703	4.5mm T25 Locking Screw, Caddy	1
7114-3113	13.0mm OD Washer	6	7117-0705	6.5mm T25 Cancellous Screw, Caddy	1
7117-0355	5.7mm Cannulated Locking Screw, Caddy	1			

4.5mm Self-tapping T25 Cortex Screw



Cat. No.	Description	Qty	Cat. No.	Description	Qty
7382-6014	14mm	4	7382-6058	58mm	4
7382-6016	16mm	4	7382-6060	60mm	4
7382-6018	18mm	4	7382-6062	62mm	4
7382-6020	20mm	6	7382-6064	64mm	4
7382-6022	22mm	6	7382-6066	66mm	4
7382-6024	24mm	6	7382-6068	68mm	4
7382-6026	26mm	6	7382-6070	70mm	4
7382-6028	28mm	6	7382-6072	72mm	4
7382-6030	30mm	10	7382-6074	74mm	4
7382-6032	32mm	10	7382-6076	76mm	4
7382-6034	34mm	10	7382-6078	78mm	4
7382-6036	36mm	10	7382-6080	80mm	4
7382-6038	38mm	10	7382-6085	85mm	4
7382-6040	40mm	10	7382-6090	90mm	2
7382-6042	42mm	6	7382-6095	95mm	2
7382-6044	44mm	4	7382-6100	100mm	2
7382-6046	46mm	4	7380-6105*	105mm	0
7382-6048	48mm	4	7380-6110*	110mm	0
7382-6050	50mm	4	7380-6115*	115mm	0
7382-6052	52mm	4	7380-6120*	120mm	0
7382-6054	54mm	4	7380-6125*	125mm	0
7382-6056	56mm	4	7380-6130*	130mm	0

*Sterile

Catalog Information

4.5mm Self-tapping T25 Locking Screw

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7382-7010	10mm	4	7382-7056	56mm	4
7382-7012	12mm	4	7382-7058	58mm	4
7382-7014	14mm	4	7382-7060	60mm	4
7382-7016	16mm	4	7382-7062	62mm	4
7382-7018	18mm	4	7382-7064	64mm	4
7382-7020	20mm	6	7382-7066	66mm	4
7382-7022	22mm	6	7382-7068	68mm	4
7382-7024	24mm	6	7382-7070	70mm	4
7382-7026	26mm	6	7382-7072	72mm	4
7382-7028	28mm	6	7382-7074	74mm	4
7382-7030	30mm	10	7382-7076	76mm	4
7382-7032	32mm	10	7382-7078	78mm	4
7382-7034	34mm	10	7382-7080	80mm	4
7382-7036	36mm	10	7382-7085	85mm	4
7382-7038	38mm	10	7382-7090	90mm	2
7382-7040	40mm	10	7382-7095	95mm	2
7382-7042	42mm	6	7382-7100	100mm	2
7382-7044	44mm	4	7380-7105*	105mm	0
7382-7046	46mm	4	7380-7110*	110mm	0
7382-7048	48mm	4	7380-7115*	115mm	0
7382-7050	50mm	4	7380-7120*	120mm	0
7382-7052	52mm	4	7380-7125*	125mm	0
7382-7054	54mm	4	7380-7130*	130mm	0



5.7mm Cannulated Locking Screw

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7182-8020	20mm	3	7182-8075	75mm	5
7182-8025	25mm	3	7182-8080	80mm	5
7182-8030	30mm	3	7182-8085	85mm	3
7182-8035	35mm	3	7182-8090	90mm	3
7182-8040	40mm	3	7182-8095	95mm	3
7182-8045	45mm	3	7182-8100	100mm	3
7182-8050	50mm	3	7180-8105*	105mm	0
7182-8055	55mm	5	7180-8110*	110mm	0
7182-8060	60mm	5	7180-8115*	115mm	0
7182-8065	65mm	5	7180-8120*	120mm	0
7182-8070	70mm	5			



*Sterile

6.5mm T25 Cancellous Screw, Partially Threaded

Cat. No.	Description	Qty	Cat. No.	Description	Qty
7382-8150	50mm	2	7382-8185	85mm	2
7382-8155	55mm	2	7382-8190	90mm	2
7382-8160	60mm	2	7382-8195	95mm	2
7382-8165	65mm	2	7382-8200	100mm	2
7382-8170	70mm	2	7180-8205*	105mm	0
7382-8175	75mm	2	7180-8210*	110mm	0
7382-8180	80mm	2			



Washer, 10mm Outer Diameter

Cat. No. 7114-3110



Washer, 13mm Outer Diameter

Cat. No. 7114-3113

2.0mm x 150mm K-wire Trocar Point,
Box Quantity 6
Cat. No. 7116-1020



Sharp Hook
Cat. No. 7117-0043



Screw Forceps
Cat. No. 7117-0045



Wire Bending Pliers, 140mm
Cat. No. 7117-0063



4.5mm Tap with Quick Connect
Cat. No. 7117-3319



3.5mm x 18mm Provisional
Fixation Pin
Cat. No. 7117-3324



3.5mm x 40mm Provisional
Fixation Pin
Cat. No. 7117-3325



Large Fragment Screw Depth Gauge
Cat. No. 7117-3331



Universal Drill Guide Handle
Cat. No. 7117-3349



Large Fragment Countersink
Cat. No. 7117-3353



Targeter 3.5mm Drill Guide
Cat. No. 7117-3382



Targeter 4.5mm Drill Guide
Cat. No. 7117-3383



Hohmann Retractor, Long, 15mm
Cat. No. 7117-3393



Targeter 4.5mm Screw Guide
Cat. No. 7117-3397



Targeter 3.5mm Drill Bit with Quick Connect
Cat. No. 7117-3402



Targeter 4.5mm Drill Bit with Quick Connect
Cat. No. 7117-3403



Targeter 4.5mm Trocar
Cat. No. 7117-3404



Targeter 4.7mm Hexdriver Shaft
Cat. No. 7117-3410



Targeter 4.5mm Base Plug
Cat. No. 7117-3436



3.5mm Locking Drill Guide
Cat. No. 7117-3451



3.5mm Targeter Self-retaining Hexdriver,
203mm
Cat. No. 7117-3481



Large Fragment Bending Irons
Cat. No. 7117-3484



3.5mm Self-Retaining Hexdriver Shaft, 178mm
Cat. No. 7117-3487



3.5mm Self-Retaining Hexdriver Shaft, 119mm
Cat. No. 7117-3488



3.5mm Short Drill Bit with Quick
Connect, 155mm
Cat. No. 7117-3504



3.5mm Drill Bit with Quick Connect
Cat. No. 7117-3505



4.5mm Drill Bit with Quick Connect
Cat. No. 7117-3506



4.5mm Short Drill Bit with
Quick Connect
Cat. No. 7117-3507



4.5mm Cannulated Drill Bit with
Quick Connect
Cat. No. 7117-3508



6.5mm Cancellous Tap with
Quick Connect
Cat. No. 7117-3509



3.5mm Drill Guide Insert

Cat. No. 7117-3513



2.0mm Parallel Wire/Drill Guide

Cat. No. 7117-3516



2.0mm Wire/Drill Insert

Cat. No. 7117-3517



3.5mm Compression Slot Insert

Cat. No. 7117-3518



3.5mm Neutral Slot Insert

Cat. No. 7117-3519



4.5mm Drill Guide Insert

Cat. No. 7117-3520



3.5mm Neutral Locking Hole Insert

Cat. No. 7117-3521



3.5mm Compression Locking
Hole Insert

Cat. No. 7117-3522



5.7mm Cannulated Depth Gauge

Cat. No. 7117-3526



Cannulated Bending Iron for K-wires

Cat. No. 7117-3527



Cannulated AO to Trinkle Adaptor

Cat. No. 7117-3528



3.5mm Locking Drill Guide Insert

Cat. No. 7117-3530



2.0mm K-wire Locking Guide Insert

Cat. No. 7117-3531



4.5mm Locking Drill Guide Insert

Cat. No. 7117-3532



3.5mm Cannulated Hexdriver Shaft

Cat. No. 7117-3536



4.5mm/5.7mm Locking Screw Guide

Cat. No. 7117-3539



4.7mm Hexdriver

Cat. No. 7117-3540



4.5mm Locking Drill Guide

Cat. No. 7117-3541



Small T-handle, Quick Coupling

Cat. No. 7117-3542



Teardrop Screwdriver Handle with Quick Coupling
Cat. No. 7117-3543



Large Screwdriver Handle
Cat. No. 7117-3547



Large Fragment Guide Removal Assembly
Cat. No. 7117-3550



3.2mm x 358mm Drill Tip Guide Pin
Cat. No. 7117-5701



Targeter 4.5mm Drill Tip PF Pin, 80mm
Cat. No. 7117-5702



Targeter 3.5mm Drill Tip PF Pin, 18mm
Cat. No. 7117-5703



3.2mm x 300mm Drill Tip Guide Pin
Cat. No. 7117-5704



4.5mm PF Pin, 80mm Short
Cat. No. 7117-5705



3.5mm PF Pin, 18mm Short
Cat. No. 7117-5706



Targeter 3.2mm Drill Guide
Cat. No. 7117-6745



Targeter Handle Locking Tool
Cat. No. 7117-6746



Targeter 4.5mm Depth Gauge
Cat. No. 7117-6747



Proximal Femur Targeter Handle, Left
Cat. No. 7117-6748



Proximal Femur Targeter Handle, Right
Cat. No. 7117-6749



Proximal Femur Targeter Base, Left
Cat. No. 7117-6750



Proximal Femur Targeter Base, Right
Cat. No. 7117-6751



Proximal Femur Targeter Base Extension
Cat. No. 7117-6752



3.2mm Drill Guide
Cat. No. 7117-6753



Cable Saddle Insertion Tool
Cat. No. 7117-6766



Targeter 3.2mm Guide Pin Depth Gauge
Cat. No. 7117-6769



6.5mm Cannulated Screw Depth Gauge
Cat. No. 7117-6770



Teardrop Handle with Large AO Quick Connect
Cat. No. 7117-7131



5.0mm Cannulated Drill Bit
Cat. No. 7117-7134



6.5mm Cannulated Tap with Quick Connect
Cat. No. 7117-7143



Targeter 4.7mm Hexdriver Shaft with Quick Connect
Cat. No. 7117-7158



4.7mm Cannulated Hexdriver, Short
Cat. No. 7117-7161



T-handle with Large AO Quick Connect
Cat. No. 7117-7204



Quick Chuck Adaptor (Hall/Jacobs Male to Large AO)
Cat. No. 7117-7205



Mini Connector
Cat. No. 7163-1186



Orthopaedics

Smith & Nephew, Inc.
7135 Goodlett Farms Pkwy
Cordova, TN 38016
USA

www.smith-nephew.com

Telephone: 1-901-396-2121
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Orders/Inquiries: 1-800-238-7538