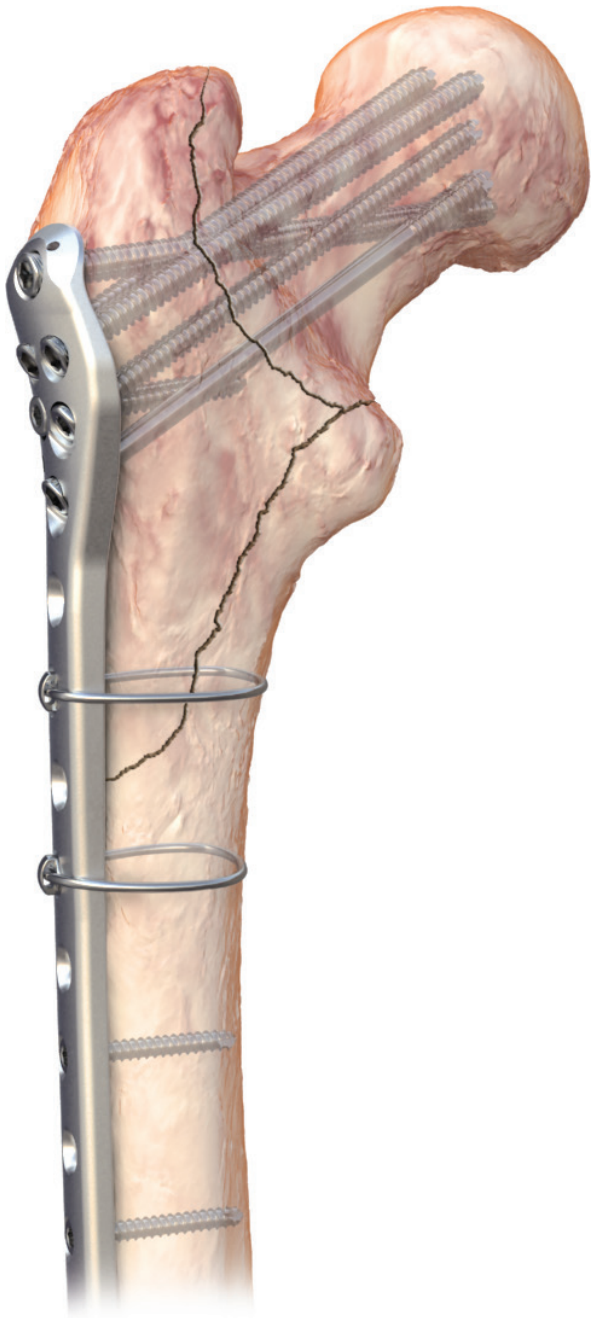
Surgical Technique

smith&nephew

PERI-LOC◇ PFP

4.5mm Proximal Femur
Locking Plate



PERI-LOC◇ PFP
4.5mm Proximal Femur Locking Plate

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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

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.

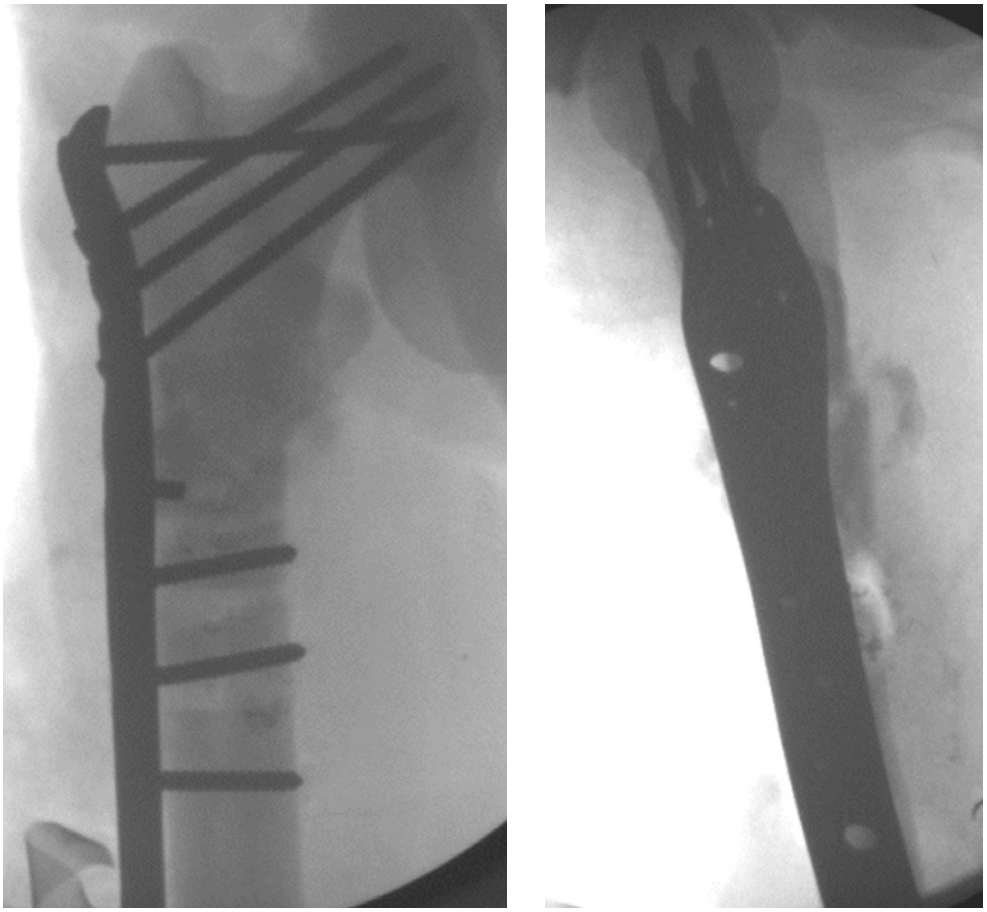
The PERI-LOC® PFP 4.5mm Proximal Femur Locking Plate offers a total of six individual screw options in the proximal femur for stability and intraoperative versatility. An anatomically bowed shaft maximizes plate-to-bone coverage extending down the shaft of the femur for an optimal anatomic implant fit.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

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 fixation of challenging proximal femur fractures.

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

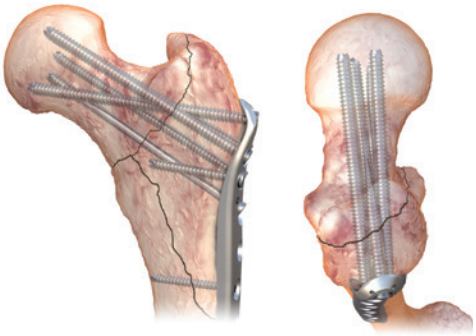
PERI-LOC◇ Proximal Femur case examples



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
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 minimally invasive fixation of proximal femur fractures.

PERI-LOC◇ PFP implant overview

PERI-LOC 4.5mm Proximal Femur Locking Plate

- Left and right specific
- Six distinct points of fixation in the proximal femur
- Bullet plate tip assists with percutaneous insertion[1,2]
- 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
- 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

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 (LHI)
- 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

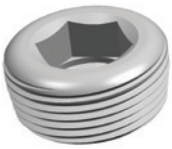
Cat. No.	Description
74800601	Short Hex Cable Saddle *for use with*
74800607	4.5mm Hex LHI
73801014	Tall T25 Cable Saddle *for use with*
74800605	T25 LHI
	4.5mm Screw (T25)
74800602	Tall Hex Cable Saddle *for use with*
	4.5mm/5.7mm Screw (Hex)

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 stand alone 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 (4.7Nm)



PERI-LOC 4.5mm Hex Locking Hole Insert

PERI-LOC 4.5mm T25 Locking Hole Insert

4.7Nm Torque Limiter

Surgical Technique

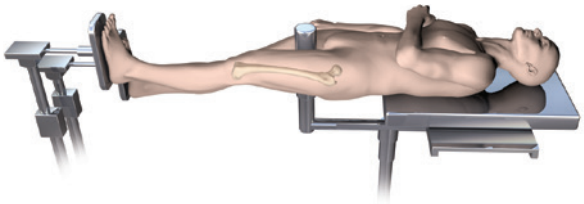
Prior to performing this technique, please consult the **Instructions for Use** documentation provided with the device for additional Health and Safety information, including indications, contraindications, warnings, and precautions.

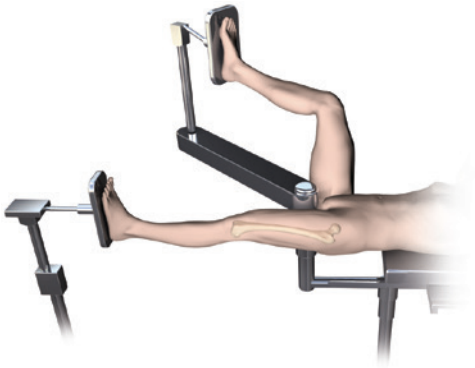
Patient positioning

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 A/P and lateral visualization of the proximal femur.

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





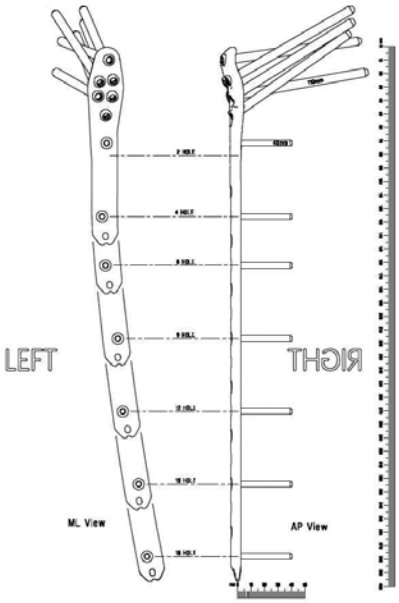
Fracture reduction and provisional fixation

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.

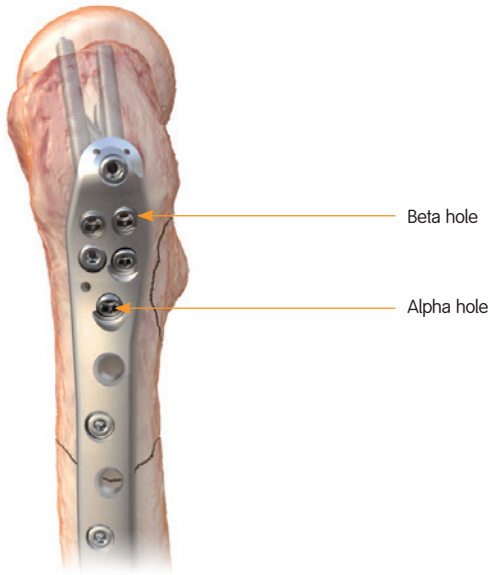
Note As template magnification levels are set at 117%, all measurements are estimates of true size. All implant measurements must be verified intraoperatively.



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.

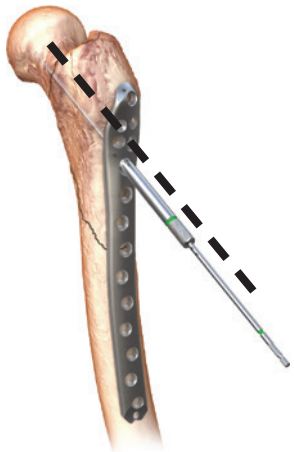
*If inserting the plate using the open technique

Open technique

Alpha hole guide pin insertion
Thread the 3.2mm Drill Guide (71176753) into the Alpha hole of the proximal femur locking plate.

Verify plate position on the greater trochanter in both the A/P and lateral views. Attach a 3.2mm Drill Tip Guide Pin (71175704) to power via the Mini Connect Adapter and insert into the femoral head through the drill guide to the desired depth.

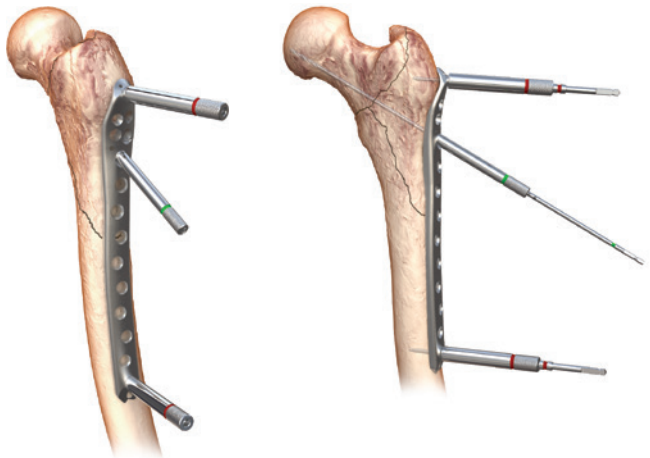
Optimal guide pin position is just superior to the calcar (A/P view) and in-line with the femoral neck axis (A/P and lateral views). The guide pin should be inserted to the desired depth, but should not penetrate the subchondral bone of the femoral head.



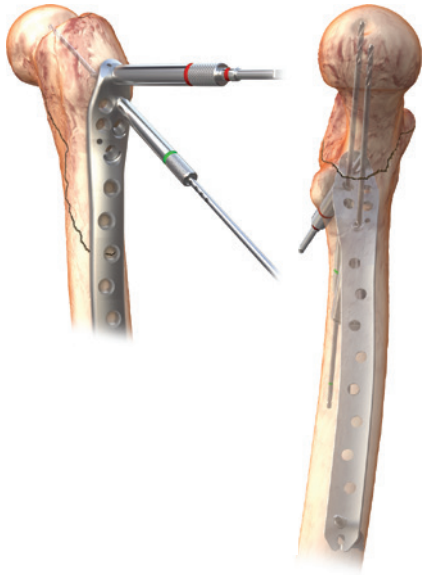
Note If the plate and guide pin are in the desired position, proceed to Beta hole guide pin insertion section.

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 A/P 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.

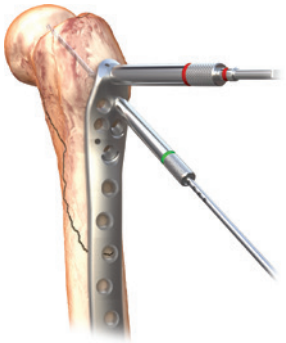
Note A 4.5mm x 80mm Provisional Fixation Pin (71175705) may be inserted through the Beta hole in place of the 3.2mm Guide Pin if fracture compression or plate-to-bone reduction is desired prior to screw insertion. This requires a 4.5mm Drill Guide (71173541) in place of the 3.2mm version. Provisional 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.

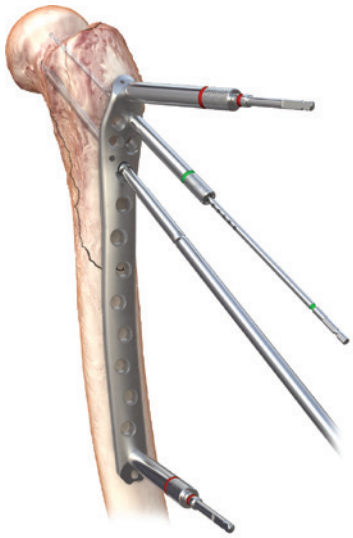
Note It is recommended that all guide pins for remaining proximal screws be inserted and verified under fluoroscopy in both the A/P and lateral views to confirm position prior to proceeding with screw insertion.

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 (71176770) over the guide pin to the back of the Guide Pin Insert.



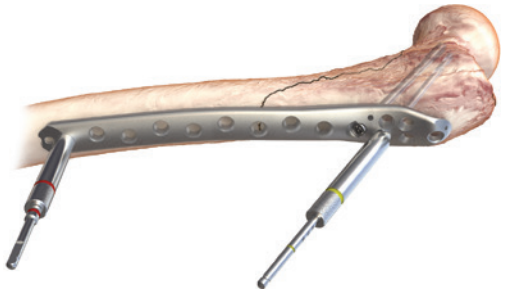
Attach the 4.7mm Cannulated Hexdriver (71177161) to power via the Large Quick Connect Adapter and insert the appropriate length 6.5mm Cannulated Conical or Cannulated Locking Screw over the 3.2mm Drill Tip Guide Pin. Alternatively, screws may be inserted by hand using the Quick Connect T-handle (71177204).

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 (71177134) and 6.5mm Cannulated Screw Tap (71177143)

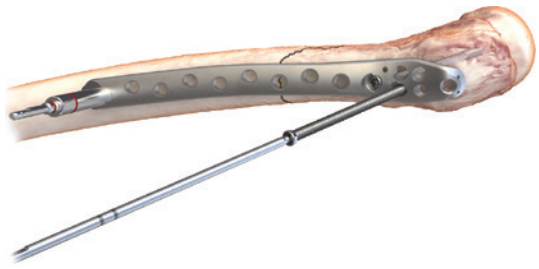
5.7mm Cannulated Locking Screw insertion
Thread the 4.5mm Locking Screw Guide (71173541) into the desired screw hole and insert and drill with the 4.5mm Drill Bit (71173506) to the desired depth. Verify drill bit placement in both the A/P and lateral views. Calibrations on side of drill will determine 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 (71173537) 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.



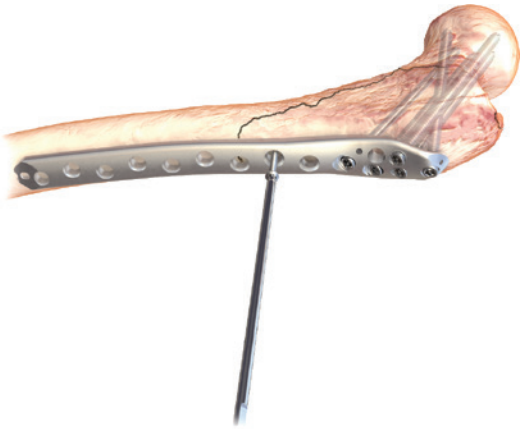
Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.

4.5mm Cortex Screw
Insert the Universal Drill Guide Handle (71173349) with 3.5mm Neutral Locking Hole Insert (71173521) into the desired screw hole in the plate shaft and drill accordingly with Short 3.5mm Drill Bit (71173504). If inserting a 4.5mm Cortex Screw into the proximal portion of the plate, it is recommended that the Long 3.5mm Drill Bit (71173505) be used.

Measure for screw length by reading the exposed calibrations off the drill bit or by using the Large Screw Depth Gauge (71173331).

Insert the appropriate length 4.5mm Cortex Screw using the 3.5mm Hexdriver Shaft (71173537) 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 (71173451) 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.

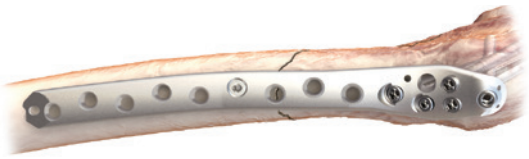
Insert the appropriate length 4.5mm Locking Screw using the 3.5mm Hexdriver Shaft and Large Quick Connect Handle.

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 (71173539) with 3.5mm Locking Guide Insert (71173530) 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) (74800607) or the PERI-LOC 4.5mm Locking Hole Insert (T25) (74800605) may be added to any screw hole in the PERI-LOC Proximal Femur Locking Plate as desired.



The Locking Hole Insert may be used stand alone 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 (74800601) 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 (73801014) 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 (4.7Nm)*.

The Cable Saddles can also be used in the head of an inserted screw. Insert the PERI-LOC Cable Saddle Tall (74800602) into the head of an inserted screw (HEX) or insert the PERI-LOC T25 Cable Saddle Tall (73801014) into the head of an inserted screw (T25).

The Cable Saddle Tall (74800602) is compatible with any stainless steel cables between 1.6mm and 2.0mm. Attach the Cable Saddle Tall to the Cable Saddle Insertion Tool (71176766). Using the insertion tool, insert the tall Cable Saddle into the head of an inserted screw or into any desired Locking Hole Insert.

Cable Saddle Insertion Tool

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.

*Item currently not available in a set. Item must be ordered separately. The PERI-LOC 4.7Nm Torque Limiter must be calibrated every six months.

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 (71176748 Left or 71176749 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 (71176750 or 71176751).

Note The targeter extension (71176752) 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 (71176750 or 71176751).

Insert a 4.5mm Screw Guide (71173397) through the Alpha hole in the Targeter base. Insert a 3.2mm Drill Guide (71176745) 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.

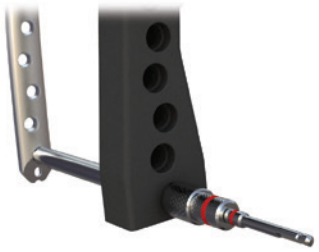
Note The Targeter Extension (71176752) may need to be removed to assist with insertion. Reattach the Targeter Extension after the plate has been fully inserted.

Confirm plate position under fluoroscopy in the A/P and lateral views.

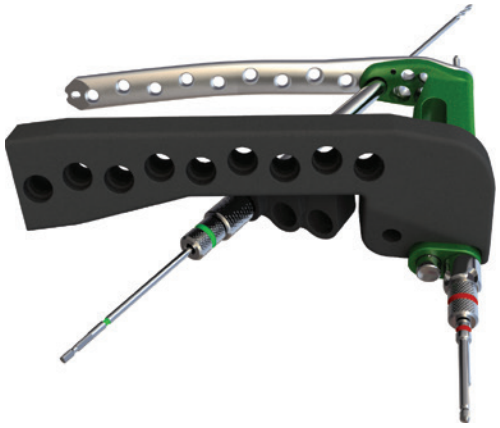
Attach a 3.5mm x 18mm Provisional Fixation Pin (71175703) to power via the Quick Connector and insert through the drill guide of the superior most hole. Tighten the pin by hand using the Quick Connect Handle to avoid pin stripping.

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.

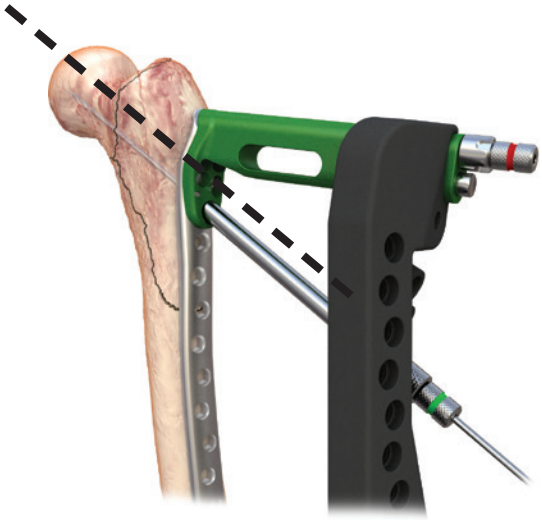
With the plate provisionally secured to bone proximally, make a stab incision over the most distal screw hole in line with the targeter base. Insert a Trocar (71173404) into a 4.5mm Screw Guide and pass the assembly through the targeter base into the plate. Remove the trocar from the screw guide and 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 (71176745) 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 (71175701) 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 A/P and lateral views.



Optimal guide pin position is just superior to the calcar (A/P view) and in-line with the femoral neck axis (A/P 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

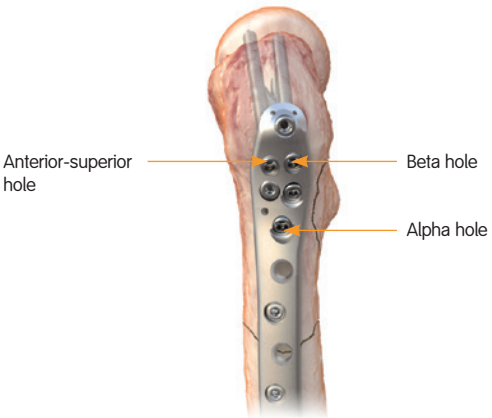
Beta hole guide pin insertion
Thread a 4.5mm Screw/3.2mm Drill Guide assembly into the most superior/posterior hole in the proximal portion of the plate (Beta hole). Insert a 3.2mm Drill Tip Guide Pin through the drill guide to the desired depth. Verify guide pin position in both the A/P and lateral 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 (71175702) 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 (71173383) 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.

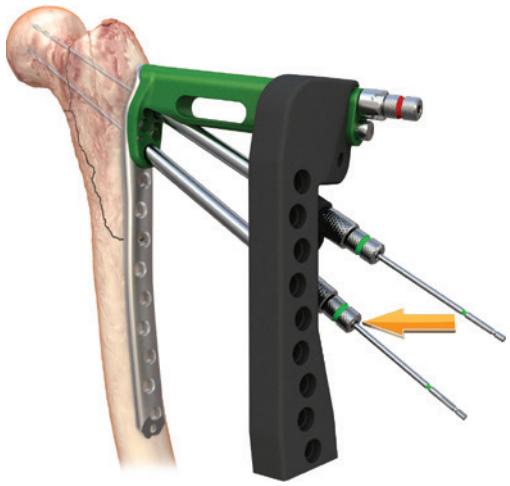
Note To insert the Anterior-Superior Screw using the Radiolucent Targeter, remove 4.5mm Screw Guide from the Beta hole. Reinsert the appropriate drill guide and thread it into the Anterior-Superior hole. Insert a 3.2mm Drill Tip Guide Pin through the drill guide to the desired depth. Remove Screw Guide 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.



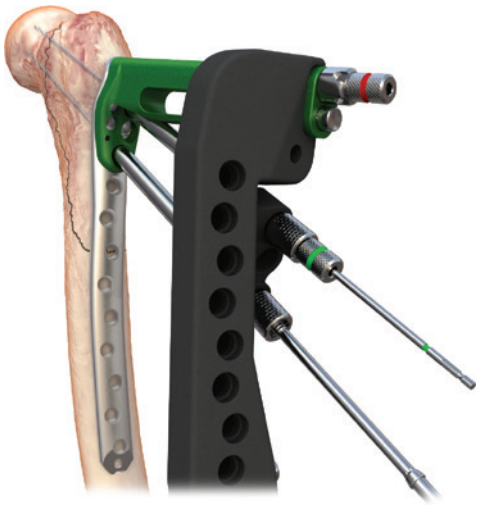
Screw insertion

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.

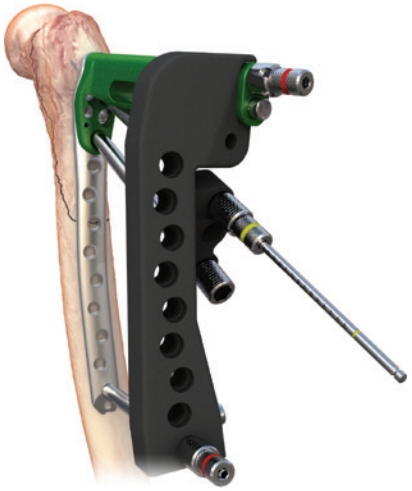


Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.

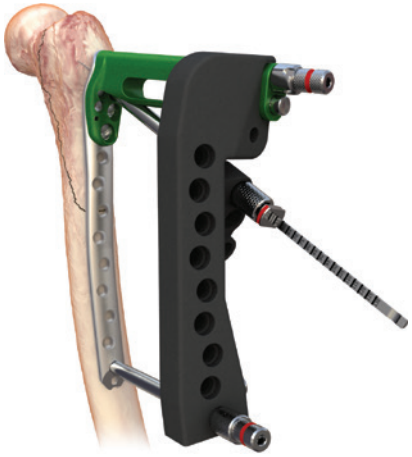
Note The self-drilling/tapping design of the 6.5mm Cannulated Conical and Locking Screws renders pre-drilling and tapping for the screw unnecessary in most instances. However, if encountering hard bone, it may be useful to drill and/or tap prior to screw insertion*.

*5.0mm Cannulated Drill Bit (71177134) and 6.5mm Cannulated Screw Tap (71177143)

5.7mm Cannulated Locking Screw insertion
Insert a 4.5mm Drill Guide (71173383) 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 (71173403) through the assembly to the desired depth. Verify drill bit placement in both the A/P and lateral views.

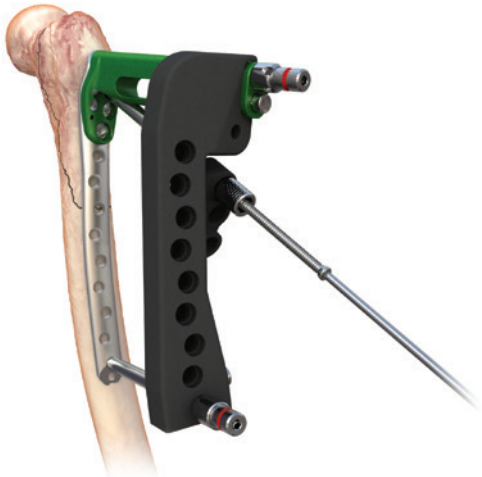


Measure for screw length by reading the exposed calibrations off the drill bit or by using the 4.5mm Depth Gauge (71176747) by removing the drill guide and passing the depth gauge through the screw guide.

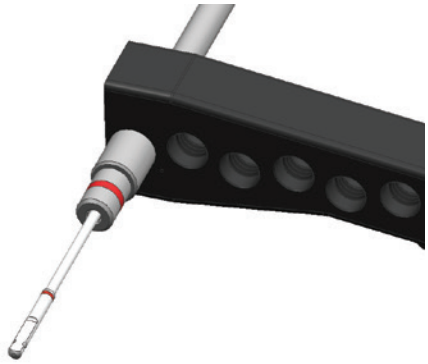


Attach the 3.5mm Cannulated Hexdriver (71173434) to power via the Mini Connector and insert the appropriate length 5.7mm Cannulated Locking Screw. Alternatively, screws may be inserted by hand using the Large Quick Connect Handle.

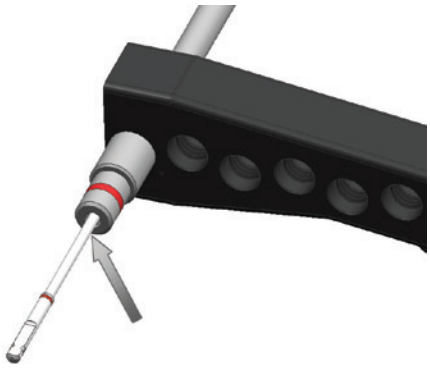
Note Screws may be inserted on power, but should always be tightened by hand in order to avoid loss of reduction, stripping of the screw head or damage to the screwdriver.



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 (71173402).



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 (71173409) 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.

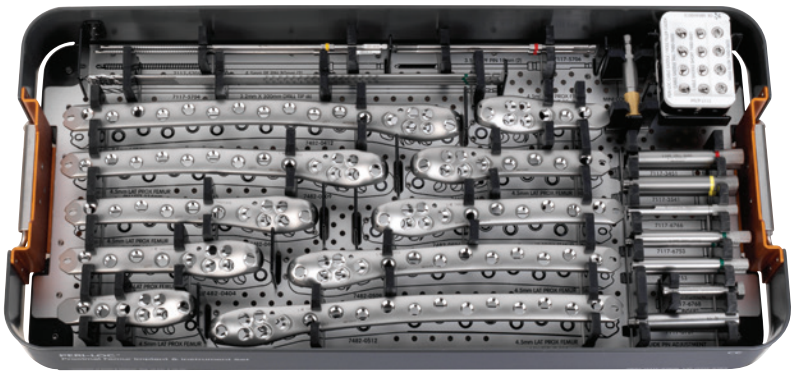
Targeter removal

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 A/P 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. 71813501

Instrument Case

Cat. No.	Description
71176760	PERI-LOC Proximal Femur Implant Tray
71176761	PERI-LOC Proximal Femur Implant Tray Lid

Instruments

Cat. No.	Description	Tray Qty
71173541	PERI-LOC 4.5mm Drill Guide	2
71173451	PERI-LOC 3.5mm Drill Guide	2
71173616*	T25 Self-retaining Screwdriver Shaft, 178mm	1
71173623*	4.7Nm Torque Limiter	1
71175704	3.2mm x 300mm Calibrated Drill Tip Guide Pin	6
71175705	PERI-LOC 4.5mm Drill Tip PF Pin, 80mm, Short	2
71175706	PERI-LOC 3.5mm Drill Tip PF Pin, 18mm, Short	2
71176753	PERI-LOC 3.2mm Drill Guide	4
71176765	PERI-LOC Cable Saddle and Locking Hole Insert Caddy Lid	1
71176766	Cable Saddle Insertion Tool	1
71176776	PERI-LOC Cable Saddle and Locking Hole Insert Caddy	1
7163-1186	Mini Adaptor (Hall/Jacobs Male To Mini Connect)	1

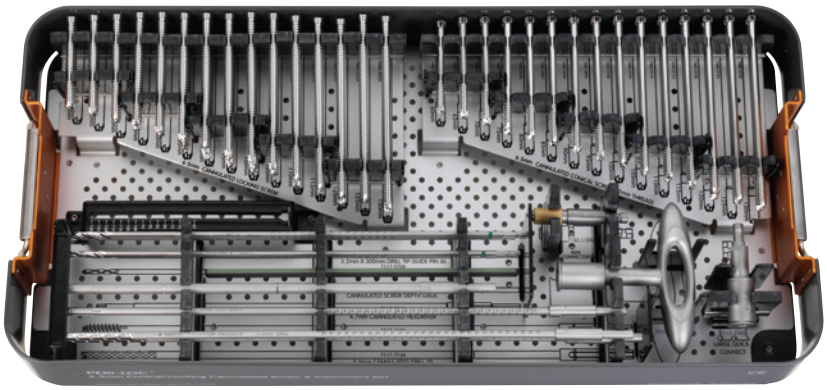
*Item not currently available in a set. Item must be ordered separately.
Note The PERI-LOC 4.7Nm Torque Limiter must be calibrated every six months.

Implants, stainless steel

Cat. No.	Description	Length	Tray Qty
74820402	4.5mm Proximal Femur Locking Plate, 2H, Left	99mm	1
74820404	4.5mm Proximal Femur Locking Plate, 4H, Left	144mm	1
74820406	4.5mm Proximal Femur Locking Plate, 6H, Left	180mm	1
74820409	4.5mm Proximal Femur Locking Plate, 9H, Left	234mm	1
74820412	4.5mm Proximal Femur Locking Plate, 12H, Left	288mm	1
74800415*	4.5mm Proximal Femur Locking Plate, 15H, Left	342mm	1
74800418*	4.5mm Proximal Femur Locking Plate, 18H, Left	396mm	1
74820502	4.5mm Proximal Femur Locking Plate, 2H, Right	99mm	1
74820504	4.5mm Proximal Femur Locking Plate, 4H, Right	144mm	1
74820506	4.5mm Proximal Femur Locking Plate, 6H, Right	180mm	1
74820509	4.5mm Proximal Femur Locking Plate, 9H, Right	234mm	1
74820512	4.5mm Proximal Femur Locking Plate, 12H, Right	288mm	1
74800515*	4.5mm Proximal Femur Locking Plate, 15H, Right	342mm	1
74800518*	4.5mm Proximal Femur Locking Plate, 18H, Right	396mm	1
74800601*	PERI-LOC® Cable Saddle, Short and Tray		6
74800602**	PERI-LOC Cable Saddle, Tall		6
74800605*	PERI-LOC 4.5mm Locking Hole Insert (T25)		4
74800607*	PERI-LOC 4.5mm Locking Hole Insert (HEX)		4
73801014*	PERI-LOC T25 Cable Saddle, Tall		6

* Additionally available, sterile only
** Sterile only, included in Set No. 71813501

Catalog information



PERI-LOC◇ Proximal Femur Screw/ Instrument Set

Set No. 71813502

Instrument Case

Cat. No.	Description
71176762	PERI-LOC 6.5mm Screw/Instrument Tray
71176763	PERI-LOC 6.5mm Screw/Instrument Tray Lid

Instruments

Cat. No.	Description	Tray Qty
71177205	Quick Chuck Adaptor (Hall/Jacobs Male to Large AO)	1
71177204	Quick Connect T-handle, Large AO	1
71175704	3.2mm x 300mm Calibrated Drill Tip Guide Pin	6
71177161	4.7mm Cannulated Hexdriver	1
7163-1186	Mini Adaptor (Hall/Jacobs Male to Mini Connect)	1
71177134	5.0mm Cannulated Drill Bit	2
71177143	6.5mm Cannulated Screw Tap w/Quick Connect	1
71176770	PERI-LOC 6.5mm Cannulated Screw Depth Gauge	1

Implants, stainless steel

Cat. No.	Description	Tray Qty
74820060	6.5mm x 60mm Conical Cannulated Screw, 22mm, Threaded	2
74820065	6.5mm x 65mm Conical Cannulated Screw, 22mm, Threaded	2
74820070	6.5mm x 70mm Conical Cannulated Screw, 22mm, Threaded	2
74820075	6.5mm x 75mm Conical Cannulated Screw, 22mm, Threaded	2
74820080	6.5mm x 80mm Conical Cannulated Screw, 22mm, Threaded	2
74820085	6.5mm x 85mm Conical Cannulated Screw, 22mm, Threaded	2
74820090	6.5mm x 90mm Conical Cannulated Screw, 22mm, Threaded	2
74820095	6.5mm x 95mm Conical Cannulated Screw, 22mm, Threaded	2
74820100	6.5mm x 100mm Conical Cannulated Screw, 22mm, Threaded	2
74820105	6.5mm x 105mm Conical Cannulated Screw, 22mm, Threaded	2
74820110	6.5mm x 110mm Conical Cannulated Screw, 22mm, Threaded	2
74820115	6.5mm x 115mm Conical Cannulated Screw, 22mm, Threaded	2
74820120	6.5mm x 120mm Conical Cannulated Screw, 22mm, Threaded	2
74820125	6.5mm x 125mm Conical Cannulated Screw, 22mm, Threaded	2
74820130	6.5mm x 130mm Conical Cannulated Screw, 22mm, Threaded	2
74820260	6.5mm x 60mm Locking Cannulated Screw, Fully Threaded	2
74820265	6.5mm x 65mm Locking Cannulated Screw, Fully Threaded	2
74820270	6.5mm x 70mm Locking Cannulated Screw, Fully Threaded	2
74820275	6.5mm x 75mm Locking Cannulated Screw, Fully Threaded	2
74820280	6.5mm x 80mm Locking Cannulated Screw, Fully Threaded	4
74820285	6.5mm x 85mm Locking Cannulated Screw, Fully Threaded	4
74820290	6.5mm x 90mm Locking Cannulated Screw, Fully Threaded	4
74820295	6.5mm x 95mm Locking Cannulated Screw, Fully Threaded	4
74820300	6.5mm x 100mm Locking Cannulated Screw, Fully Threaded	4
74820305	6.5mm x 105mm Locking Cannulated Screw, Fully Threaded	4
74820310	6.5mm x 110mm Locking Cannulated Screw, Fully Threaded	3
74820315	6.5mm x 115mm Locking Cannulated Screw, Fully Threaded	3
74820320	6.5mm x 120mm Locking Cannulated Screw, Fully Threaded	3
74820325	6.5mm x 125mm Locking Cannulated Screw, Fully Threaded	2
74820330	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
73827010*	10mm	73827038	38mm	73827066	66mm
73827012*	12mm	73827040	40mm	73827068	68mm
73827014	14mm	73827042	42mm	73827070	70mm
73827016	16mm	73827044	44mm	73827072	72mm
73827018	18mm	73827046	46mm	73827074	74mm
73827020	20mm	73827048	48mm	73827076	76mm
73827022	22mm	73827050	50mm	73827078	78mm
73827024	24mm	73827052	52mm	73827080	80mm
73827026	26mm	73827054	54mm	73827085	85mm
73827028	28mm	73827056	56mm	73827090	90mm
73827030	30mm	73827058	58mm	73827095	95mm
73827032	32mm	73827060	60mm	73827100	100mm
73827034	34mm	73827062	62mm		
73827036	36mm	73827064	64mm		

4.5mm T25 Cortex Screw, Self-tapping, Sterile

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
73806014	14mm	73806044	44mm	73806074	74mm
73806016	16mm	73806046	46mm	73806076	76mm
73806018	18mm	73806048	48mm	73806078	78mm
73806020	20mm	73806050	50mm	73806080	80mm
73806022	22mm	73806052	52mm	73806085	85mm
73806024	24mm	73806054	54mm	73806090	90mm
73806026	26mm	73806056	56mm	73806095	95mm
73806028	28mm	73806058	58mm	73806100	100mm
73806030	30mm	73806060	60mm	73806105	105mm
73806032	32mm	73806062	62mm	73806110	110mm
73806034	34mm	73806064	64mm	73806115	115mm
73806036	36mm	73806066	66mm	73806120	120mm
73806038	38mm	73806068	68mm	73806125	125mm
73806040	40mm	73806070	70mm	73806130	130mm
73806042	42mm	73806072	72mm		

*Blunt tip

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

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
73826014	14mm	73826042	42mm	73826070	70mm
73826016	16mm	73826044	44mm	73826072	72mm
73826018	18mm	73826046	46mm	73826074	74mm
73826020	20mm	73826048	48mm	73826076	76mm
73826022	22mm	73826050	50mm	73826078	78mm
73826024	24mm	73826052	52mm	73826080	80mm
73826026	26mm	73826054	54mm	73826085	85mm
73826028	28mm	73826056	56mm	73826090	90mm
73826030	30mm	73826058	58mm	73826095	95mm
73826032	32mm	73826060	60mm	73826100	100mm
73826034	34mm	73826062	62mm	73826105	105mm
73826036	36mm	73826064	64mm	73826110	110mm
73826038	38mm	73826066	66mm		
73826040	40mm	73826068	68mm		

6.5mm T25 Cancellous Screw, Partially Threaded, 24 Thread

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
71808150	50mm	71808175	75mm	71808200	100mm
71808155	55mm	71808180	80mm	71808205*	105mm
71808160	60mm	71808185	85mm	71808210*	110mm
71808165	65mm	71808190	90mm		
71808170	70mm	71808195	95mm		

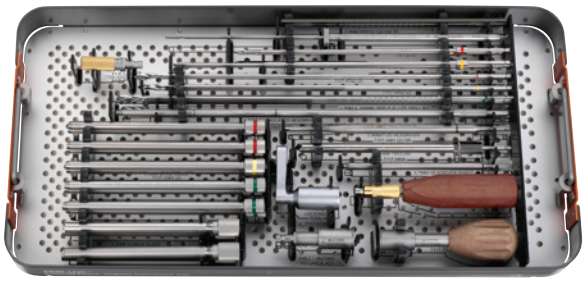
4.5mm Locking Hole Insert, Sterile

Cat. No.	Description	Qty
74800605	T25	
74800607	Hex	

Cable Saddle, Tall, Sterile

Cat. No.	Description
74800602	Hex
73801014	T25

*Sterile only



PERI-LOC® Proximal Femur Targeter Set

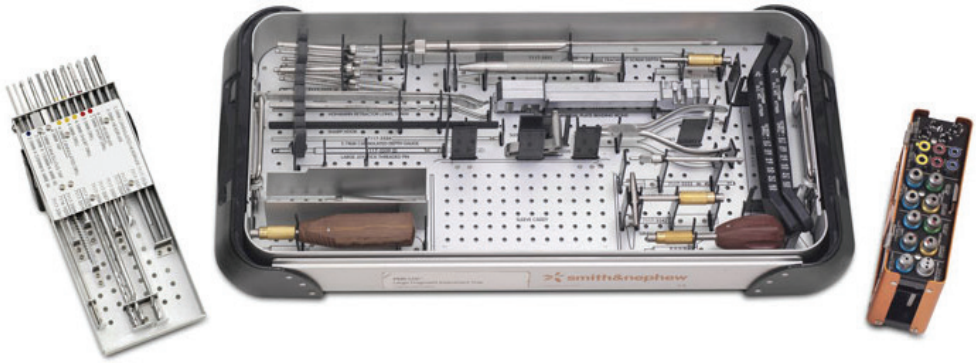
Set No. 71813503

Instrument Case

Cat. No.	Description
71176757	PERI-LOC Proximal Femur Targeter Outer Tray
71176758	PERI-LOC Proximal Femur Targeter Instrument Tray
71176759	PERI-LOC Proximal Femur Targeter Outer Tray Lid

Instruments

Cat. No.	Description	Tray Qty
71175701	3.2mm x 358mm Calibrated Drill Tip Guide Pin	6
71173382	PERI-LOC Targeter 3.5mm Drill Guide	2
71173383	PERI-LOC Targeter 4.5mm Drill Guide	2
71176745	PERI-LOC Targeter 3.2mm Drill Guide	4
71173397	PERI-LOC Targeter 4.5mm Screw Guide	4
71173402	PERI-LOC Targeter 3.5mm Drill Bit	2
71173403	PERI-LOC Targeter 4.5mm Drill Bit	2
71173404	PERI-LOC Targeter 4.5mm Trocar	1
71173481	PERI-LOC Targeter 3.5mm Hexdriver Shaft	2
71173410	PERI-LOC Targeter 4.7mm Hexdriver Shaft	1
71177158	PERI-LOC Targeter 4.7mm Cannulated Hexdriver Shaft	1
71177131	Teardrop Screwdriver Handle w/Large AO Quick Connect	1
71173547	Large Screwdriver Handle	1
71175703	PERI-LOC Targeter 3.5mm Drill Tip PF Pin,18mm	2
71175702	PERI-LOC Targeter 4.5mm Drill Tip PF Pin, 80mm	2
71176746	PERI-LOC Targeter Handle Locking Tool	1
71176747	PERI-LOC Targeter 4.5mm Depth Gauge	1
71176769	PERI-LOC Targeter 6.5mm Cannulated Screw Depth Gauge	1
7163-1186	Mini Adaptor (Hall/Jacobs Male to Mini Connect)	1
71177205	Quick Chuck Adaptor (Hall/Jacobs Male to Large AO)	1
71176748	PERI-LOC Proximal Femur Targeter Handle, Left	1
71176749	PERI-LOC Proximal Femur Targeter Handle, Right	1
71176750	PERI-LOC Proximal Femur Targeter Base, Left	1
71176751	PERI-LOC Proximal Femur Targeter Base, Right	1
71176752	PERI-LOC Proximal Femur Targeter Base Extension	1
71173436	PERI-LOC Targeter 4.5mm Base Plug	10



PERI-LOC® Large Fragment System Instrument and Disposables Set

Set No. 71810221

Instrument Case

Cat. No.	Description
71129401	Small Outer Case
71129402	Lid for Outer Case
71170360	Large Fragment Drill Caddy
71170351	Large Fragment Drill Guide Caddy
71170362	Large Fragment Instrument Tray

Instruments

Cat. No.	Description	Tray Qty
71170043	Sharp Hook	1
71170045	Screw Forceps	1
71170063	Wire Bending Pliers	1
71173331	Large Fragment Screw Depth Gauge	1
71173349	Universal Drill Guide Handle	2
71173353	Large Fragment Countersink	1
71173393	Hohmann Retractor, Long	2
71173484	Large Fragment Bending Irons	2
71173487	3.5mm Self-Retaining Hexdriver, 178mm	2
71173513	3.5mm Drill Guide Insert	1
71173516	2.0mm Parallel Wire Guide Insert	1
71173517	2.0mm Wire/Drill Insert	1
71173518	3.5mm Compression Slot Insert	1
71173519	3.5mm Neutral Slot Insert	1
71173520	4.5mm Drill Guide Insert	2
71173521	3.5mm Neutral Locking Hole Insert	1

Cat. No.	Description	Tray Qty
71173522	3.5mm Compression Locking Hole Insert	1
71173526	5.7mm Cannulated Depth Gauge	1
71173527	Cannulated Bending Iron for K-wires	1
71173528	Cannulated AO-to-Trinkle Adaptor	1
71173530	3.5mm Locking Drill Guide Insert	2
71173531	2.0mm K-wire Locking Hole Insert	2
71173532	4.5mm Locking Drill Guide Insert	2
71173536	3.5mm Cannulated Hexdriver	2
71173539	4.5mm/5.7mm Locking Screw Guide	4
71173540	4.7mm Hexdriver	2
71173542	Small T-handle w/AO Quick Connect	1
71173543	Tear Drop Screwdriver Handle w/AO Quick Connect	1
71173547	Large Screwdriver Handle	1
71173550	Large Fragment Drill Guide Removal Tool	1

Optional Instruments*

Cat. No.	Description	Tray Qty
71173488	3.5mm Self-Retaining Hexdriver w/AO Quick Connect, 119mm	1
71173451	3.5mm Locking Drill Guide – One Piece	1
71173616	T25 Self-retaining Screwdriver Shaft, 178mm	1

*Not included in Set No. 7181-0221

Catalog information

Disposables

Cat. No.	Description	Tray Qty
71161020	2.0mm x 150mm K-wire	6
71173361	2.0mm x 228mm K-wire	6
71173504	3.5mm Short Calibrated Drill Bit w/ AO Quick Connect	2
71173505	3.5mm Calibrated Drill Bit w/ AO Quick Connect	2
71173507	4.5mm Short Calibrated Drill Bit w/ AO Quick Connect	2
71173506	4.5mm Calibrated Drill Bit w/ AO Quick Connect	2
71173508	4.5mm Cannulated Drill Bit w/ AO Quick Connect	2
71173319	4.5mm Tap	2
71173509	6.5mm Cancellous Tap	2
71173324	3.5mm x 18mm Provisional Fixation Pin	4
71173325	3.5mm x 40mm Provisional Fixation Pin	4

PERI-LOC® Large Fragment Screw Set

Set No. 71810070

Instrument Case

Cat. No.	Description
71129400	Large Outer Case
71129402	Lid for Outer Case
71170363	Large Fragment Screw Tray
71170355	5.7mm Cannulated Locking Screw Caddy
71170356	4.5mm Self-Tapping Cortex Screw Caddy
71170357	4.5mm Self-Tapping Locking Screw Caddy
71170358	6.5mm Cancellous Screw Caddy
71170363	Large Fragment Screw Tray

4.5mm Self-Tapping Cortex Screws

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
71806010*	10mm	71826042	42mm	71826074	74mm
71806012*	12mm	71826044	44mm	71826076	76mm
71826014	14mm	71826046	46mm	71826078	78mm
71826016	16mm	71826048	48mm	71826080	80mm
71826018	18mm	71826050	50mm	71826085	85mm
71826020	20mm	71826052	52mm	71826090	90mm
71826022	22mm	71826054	54mm	71826095	95mm
71826024	24mm	71826056	56mm	71826100	100mm
71826026	26mm	71826058	58mm	71806105*	105mm
71826028	28mm	71826060	60mm	71806110*	110mm
71826030	30mm	71826062	62mm	71806115*	115mm
71826032	32mm	71826064	64mm	71806120*	120mm
71826034	34mm	71826066	66mm	71806125*	125mm
71826036	36mm	71826068	68mm	71806130*	130mm
71826038	38mm	71826070	70mm		
71826040	40mm	71826072	72mm		

4.5mm Self-Tapping Locking Screws

Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
71827010**	10mm	71827042	42mm	71827074	74mm
71827012**	12mm	71827044	44mm	71827076	76mm
71827014	14mm	71827046	46mm	71827078	78mm
71827016	16mm	71827048	48mm	71827080	80mm
71827018	18mm	71827050	50mm	71827085	85mm
71827020	20mm	71827052	52mm	71827090	90mm
71827022	22mm	71827054	54mm	71827095	95mm
71827024	24mm	71827056	56mm	71827100	100mm
71827026	26mm	71827058	58mm	71807105*	105mm
71827028	28mm	71827060	60mm	71807110*	110mm
71827030	30mm	71827062	62mm	71807115*	115mm
71827032	32mm	71827064	64mm	71807120*	120mm
71827034	34mm	71827066	66mm	71807125*	125mm
71827036	36mm	71827068	68mm	71807130*	130mm
71827038	38mm	71827070	70mm		
71827040	40mm	71827072	72mm		

*Available sterile only
**Blunt tip

Catalog Information

5.7mm Cannulated Locking Screws

Cat. No.	Length
71828020	20mm
71828025	25mm
71828030	30mm
71828035	35mm
71828040	40mm
71828045	45mm
71828050	50mm

Cat. No.	Length
71828055	55mm
71828060	60mm
71828065	65mm
71828070	70mm
71828075	75mm
71828080	80mm
71828085	85mm

Cat. No.	Length
71828090	90mm
71828095	95mm
71828100	100mm
71808105*	105mm
71808110*	110mm
71808115*	115mm
71808120*	120mm

6.5mm Cancellous Screws, Partially Threaded

Cat. No.	Length
71828150	50mm
71828155	55mm
71828160	60mm
71828165	65mm
71828170	70mm
71828175	75mm

Cat. No.	Length
71828180	80mm
71828185	85mm
71828190	90mm
71828195	95mm
71828100	100mm

* Available sterile only

PERI-LOC◇ Large Fragment Screw Set – T25

Set No. 71810470

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

Cat. No.	Description	Qty
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 T25 Cortex Screw

Cat. No.	Description	Qty
73826014	14mm	4
73826016	16mm	4
73826018	18mm	4
73826020	20mm	6
73826022	22mm	6
73826024	24mm	6
73826026	26mm	6
73826028	28mm	6
73826030	30mm	10
73826032	32mm	10
73826034	34mm	10
73826036	36mm	10
73826038	38mm	10
73826040	40mm	10
73826042	42mm	6
73826044	44mm	4
73826046	46mm	4
73826048	48mm	4
73826050	50mm	4
73826052	52mm	4
73826054	54mm	4
73826056	56mm	4

Cat. No.	Description	Qty
73826058	58mm	4
73826060	60mm	4
73826062	62mm	4
73826064	64mm	4
73826066	66mm	4
73826068	68mm	4
73826070	70mm	4
73826072	72mm	4
73826074	74mm	4
73826076	76mm	4
73826078	78mm	4
73826080	80mm	4
73826085	85mm	4
73826090	90mm	2
73826095	95mm	2
73826100	100mm	2
73806105*	105mm	0
73806110*	110mm	0
73806115*	115mm	0
73806120*	120mm	0
73806125*	125mm	0
73806130*	130mm	0

*Sterile

Catalog Information

4.5mm Self-tapping T25 Locking Screw

Cat. No.	Description	Qty	Cat. No.	Description	Qty
73827010	10mm	4	73827056	56mm	4
73827012	12mm	4	73827058	58mm	4
73827014	14mm	4	73827060	60mm	4
73827016	16mm	4	73827062	62mm	4
73827018	18mm	4	73827064	64mm	4
73827020	20mm	6	73827066	66mm	4
73827022	22mm	6	73827068	68mm	4
73827024	24mm	6	73827070	70mm	4
73827026	26mm	6	73827072	72mm	4
73827028	28mm	6	73827074	74mm	4
73827030	30mm	10	73827076	76mm	4
73827032	32mm	10	73827078	78mm	4
73827034	34mm	10	73827080	80mm	4
73827036	36mm	10	73827085	85mm	4
73827038	38mm	10	73827090	90mm	2
73827040	40mm	10	73827095	95mm	2
73827042	42mm	6	73827100	100mm	2
73827044	44mm	4	73807105*	105mm	0
73827046	46mm	4	73807110*	110mm	0
73827048	48mm	4	73807115*	115mm	0
73827050	50mm	4	73807120*	120mm	0
73827052	52mm	4	73807125*	125mm	0
73827054	54mm	4	73807130*	130mm	0

5.7mm Cannulated Locking Screw

Cat. No.	Description	Qty	Cat. No.	Description	Qty
71828020	20mm	3	71828075	75mm	5
71828025	25mm	3	71828080	80mm	5
71828030	30mm	3	71828085	85mm	3
71828035	35mm	3	71828090	90mm	3
71828040	40mm	3	71828095	95mm	3
71828045	45mm	3	71828100	100mm	3
71828050	50mm	3	71808105*	105mm	0
71828055	55mm	5	71808110*	110mm	0
71828060	60mm	5	71808115*	115mm	0
71828065	65mm	5	71808120*	120mm	0
71828070	70mm	5			

*Sterile

6.5mm T25 Cancellous Screw, Partially Threaded

Cat. No.	Description	Qty
73828150	50mm	2
73828155	55mm	2
73828160	60mm	2
73828165	65mm	2
73828170	70mm	2
73828175	75mm	2
73828180	80mm	2

Cat. No.	Description	Qty
73828185	85mm	2
73828190	90mm	2
73828195	95mm	2
73828200	100mm	2
71808205*	105mm	0
71808210*	110mm	0

Washer, 10mm Outer Diameter

Cat. No. 71143110

Washer, 13mm Outer Diameter

Cat. No. 71143113

*Sterile

2.0mm x 150mm K-wire Trocar Point, Box Quantity 6
Cat. No. 71161020

Sharp Hook
Cat. No. 71170043

Screw Forceps
Cat. No. 71170045

Wire Bending Pliers, 140mm
Cat. No. 71170063

4.5mm Tap with Quick Connect
Cat. No. 71173319

3.5mm x 18mm Provisional Fixation Pin
Cat. No. 71173324

3.5mm x 40mm Provisional Fixation Pin
Cat. No. 71173325

Large Fragment Screw Depth Gauge
Cat. No. 71173331

Universal Drill Guide Handle
Cat. No. 71173349

Large Fragment Countersink
Cat. No. 71173353

Targeter 3.5mm Drill Guide
Cat. No. 71173382

Targeter 4.5mm Drill Guide
Cat. No. 71173383

Hohmann Retractor, Long, 15mm
Cat. No. 71173393

Targeter 4.5mm Screw Guide
Cat. No. 71173397

Targeter 3.5mm Drill Bit with Quick Connect
Cat. No. 71173402

Targeter 4.5mm Drill Bit with Quick Connect
Cat. No. 71173403

Targeter 4.5mm Trocar
Cat. No. 71173404

Targeter 4.7mm Hexdriver Shaft
Cat. No. 71173410

Targeter 4.5mm Base Plug
Cat. No. 71173436

3.5mm Locking Drill Guide
Cat. No. 71173451

3.5mm Targeter Self-retaining Hexdriver, 203mm
Cat. No. 71173481

Large Fragment Bending Irons
Cat. No. 71173484

3.5mm Self-Retaining Hexdriver Shaft, 178mm
Cat. No. 71173487

3.5mm Self-Retaining Hexdriver Shaft, 119mm
Cat. No. 71173488

3.5mm Short Drill Bit with Quick Connect, 155mm
Cat. No. 71173504

3.5mm Drill Bit with Quick Connect
Cat. No. 71173505

4.5mm Drill Bit with Quick Connect
Cat. No. 71173506

4.5mm Short Drill Bit with Quick Connect
Cat. No. 71173507

4.5mm Cannulated Drill Bit with Quick Connect
Cat. No. 71173508

6.5mm Cancellous Tap with Quick Connect
Cat. No. 71173509

3.5mm Drill Guide Insert
Cat. No. 71173513

2.0mm Parallel Wire/Drill Guide
Cat. No. 71173516

2.0mm Wire/Drill Insert
Cat. No. 71173517

3.5mm Compression Slot Insert
Cat. No. 71173518

3.5mm Neutral Slot Insert
Cat. No. 71173519

4.5mm Drill Guide Insert
Cat. No. 71173520

3.5mm Neutral Locking Hole Insert
Cat. No. 71173521

3.5mm Compression Locking
Hole Insert
Cat. No. 71173522

5.7mm Cannulated Depth Gauge
Cat. No. 71173526

Cannulated Bending Iron for K-wires
Cat. No. 71173527

Cannulated AO to Trinkle Adaptor
Cat. No. 71173528

3.5mm Locking Drill Guide Insert
Cat. No. 71173530

2.0mm K-wire Locking Guide Insert
Cat. No. 71173531

4.5mm Locking Drill Guide Insert
Cat. No. 71173532

3.5mm Cannulated Hexdriver Shaft
Cat. No. 71173536

4.5mm/5.7mm Locking Screw Guide
Cat. No. 71173539

4.7mm Hexdriver
Cat. No. 71173540

4.5mm Locking Drill Guide
Cat. No. 71173541

Small T-handle, Quick Coupling
Cat. No. 71173542

Teardrop Screwdriver Handle with Quick Coupling
Cat. No. 71173543

Large Screwdriver Handle
Cat. No. 71173547

Large Fragment Guide Removal Assembly
Cat. No. 71173550

3.2mm x 358mm Drill Tip Guide Pin
Cat. No. 71175701

Targeter 4.5mm Drill Tip PF Pin, 80mm
Cat. No. 71175702

Targeter 3.5mm Drill Tip PF Pin, 18mm
Cat. No. 71175703

3.2mm x 300mm Drill Tip Guide Pin
Cat. No. 71175704

4.5mm PF Pin, 80mm Short
Cat. No. 71175705

3.5mm PF Pin, 18mm Short
Cat. No. 71175706

Targeter 3.2mm Drill Guide
Cat. No. 71176745

Targeter Handle Locking Tool
Cat. No. 71176746

Targeter 4.5mm Depth Gauge
Cat. No. 71176747

Proximal Femur Targeter Handle, Left
Cat. No. 71176748

Proximal Femur Targeter Handle, Right
Cat. No. 71176749

Proximal Femur Targeter Base, Left
Cat. No. 71176750

Proximal Femur Targeter Base, Right
Cat. No. 71176751

Proximal Femur Targeter Base Extension
Cat. No. 71176752

3.2mm Drill Guide
Cat. No. 71176753

Cable Saddle Insertion Tool
Cat. No. 71176766

Targeter 3.2mm Guide Pin Depth Gauge
Cat. No. 71176769

6.5mm Cannulated Screw Depth Gauge
Cat. No. 71176770

Teardrop Handle with Large AO Quick Connect
Cat. No. 71177131

5.0mm Cannulated Drill Bit
Cat. No. 71177134

6.5mm Cannulated Tap with Quick Connect
Cat. No. 71177143

Targeter 4.7mm Hexdriver Shaft with Quick Connect
Cat. No. 71177158

4.7mm Cannulated Hexdriver, Short
Cat. No. 71177161

T-handle with Large AO Quick Connect
Cat. No. 71177204

Quick Chuck Adaptor (Hall/Jacobs Male to Large AO)
Cat. No. 71177205

Mini Connector
Cat. No. 7163-1186

Reference

1. Smith & Nephew 2004. Design Surgeon Meeting. Internal Report.
2. Smith & Nephew 2004. Saw Bone Evaluation. Internal Report.

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