

# Trochanteric Nail System

Surgical Technique







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# Trochanteric Nail System

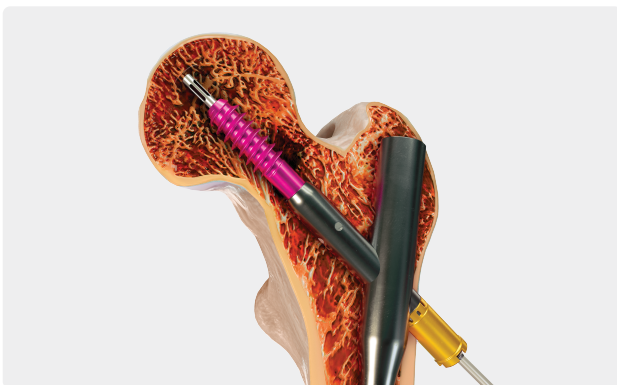
## Introduction

The trochanteric nail is a next-generation hip nail that addresses the remaining shortcomings of current systems such as lateral lag screw irritation, lag screw cut out, workflow inefficiencies, and loss of rotational reduction. The system consists of three nail types—short nails, long nails, and the innovative ES nails.



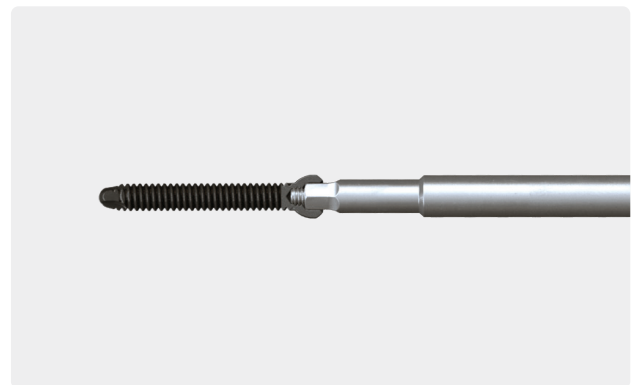
### Telescoping Lag Screw

The Arthrex telescoping lag screw allows for controlled self-contained collapse within the lag screw. Other lag screws are designed to slide within the nail during the healing process, which can cause the lateral end of the lag screw to protrude into the patient's soft tissue, causing irritation and/or bursitis.



### Biologic Augmentation

The system allows for the delivery of orthobiologics (BoneSync™ cement, Angel® platelet-rich plasma, AlloSync Pure™, etc) through the lag screw and instrumentation.



### Advanced Instrumentation

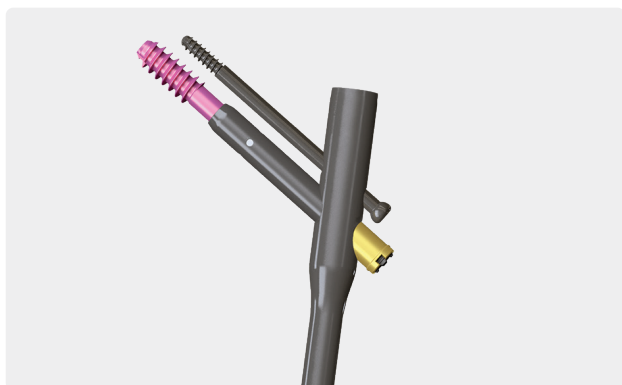
System instruments are designed to reduce surgical pain points and facilitate operative workflow. Some examples include locking the lag screw through the inserter (no set screw required), captured distal 5.0 mm screws, calibrated drill bits, and jig removal through the more lateral impactor hole.

## ES Nail Option

The ES nail combines the mechanical advantages of a long nail with the ease of a short nail. It doubles the torsional rigidity compared to a distally locked, long nail and provides more rigidity than an unlocked long trochanteric nail.<sup>1</sup> It extends through the isthmus of the bone, which can reduce distal tip stress risers, potential “pendulum” effects, and risks of peri-prosthetic fractures associated with short nails.

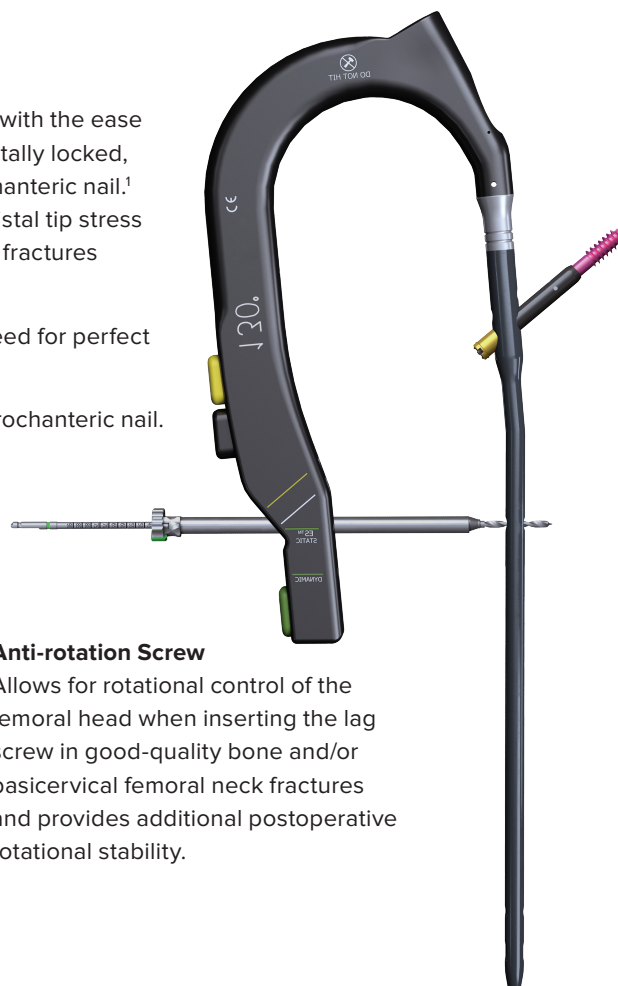
The ES hole is easily targeted through the nail jig without the need for perfect circles or additional attachments or devices.

Patients with shaft fractures should not be treated with the ES trochanteric nail.



### Reference

1. Test report T0209. Stress analysis of the aos extended short trochanteric nail vs. the short and long trochanteric nails. *Advanced Orthopaedic Solutions*; September 2006.



### Anti-rotation Screw

Allows for rotational control of the femoral head when inserting the lag screw in good-quality bone and/or basicervical femoral neck fractures and provides additional postoperative rotational stability.

## Indications and Preoperative Planning

### Indications

The Arthrex Trochanteric Nail System is intended to treat stable and unstable proximal fractures of the femur including pertrochanteric, intertrochanteric, and high subtrochanteric fractures and combinations of these fractures. The long trochanteric nail is additionally indicated for subtrochanteric fractures, pertrochanteric fractures associated with shaft fractures, pathologic fractures (including prophylactic use) in osteoporotic bone of the trochanteric and diaphyseal areas, long subtrochanteric fractures, ipsilateral femoral fractures, proximal and distal nonunions and malunions, and revision procedures.

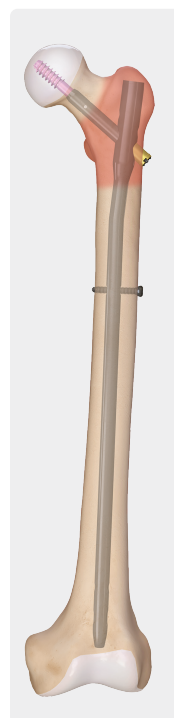
The ES nail is only intended to treat stable and unstable proximal fractures of the femur including pertrochanteric, intertrochanteric, and high subtrochanteric fractures and combinations of these fractures.

### Preoperative Planning

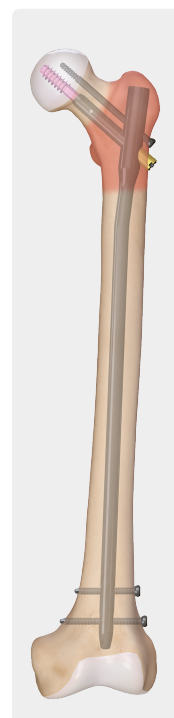
Preoperative radiographs of the uninjured femur may be used to establish proper nail diameter, expected amount of reaming (if necessary), lag screw angle, nail length, and lag screw length.



Short Trochanteric Nail

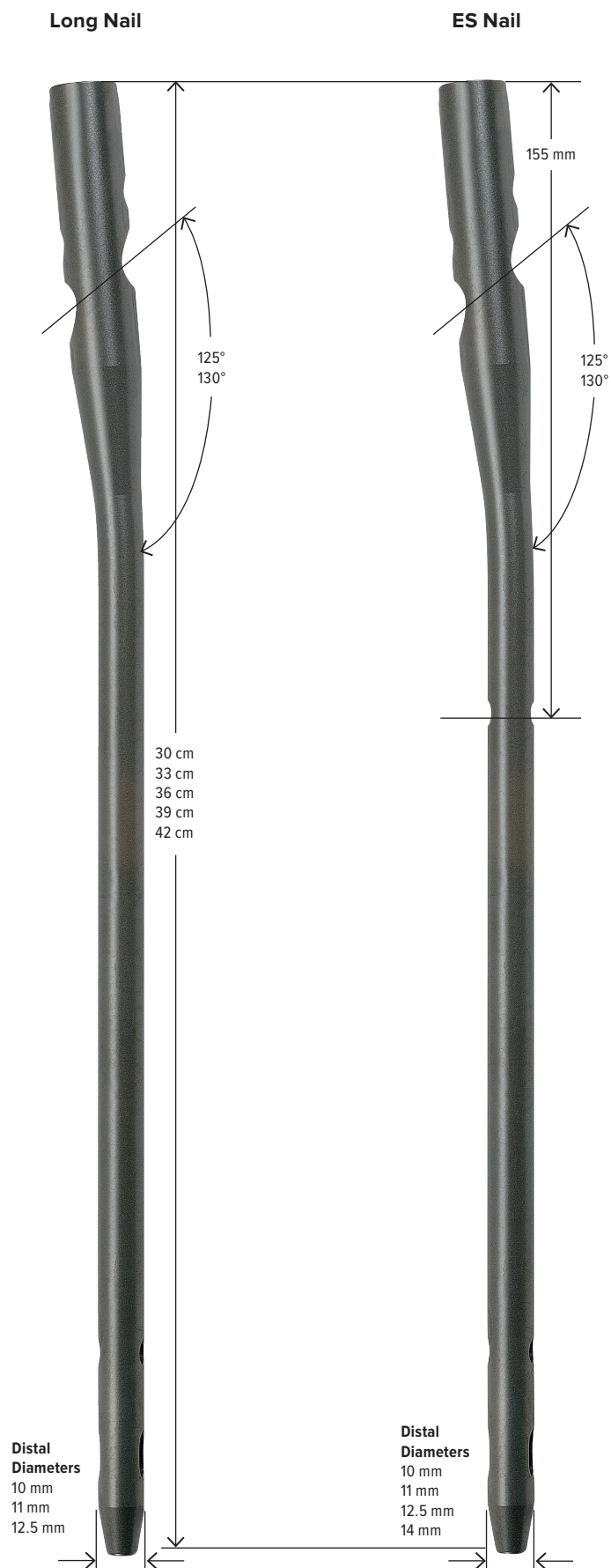
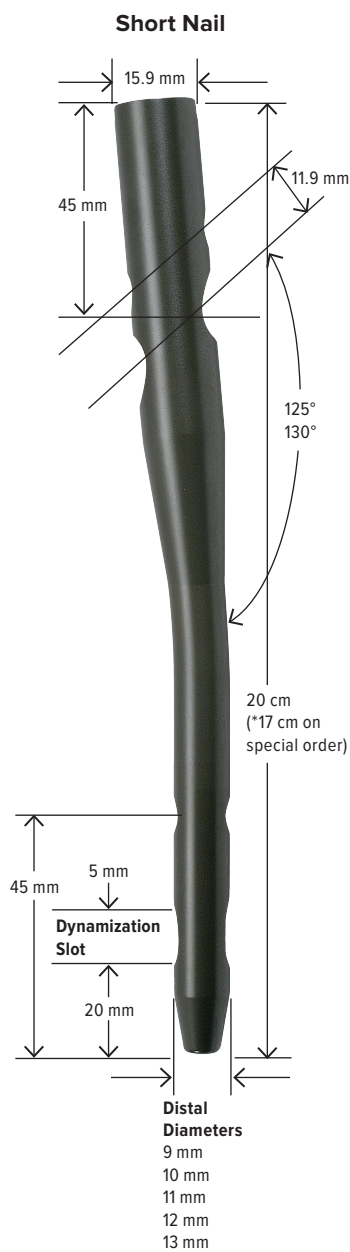


ES Trochanteric Nail



Long Trochanteric Nail

# Implant Features

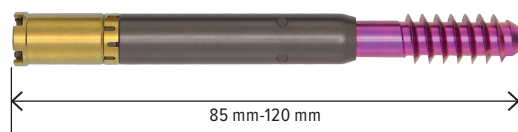


**All Nails**  
5° Lateralization

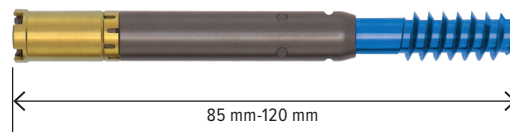
**Long and ES Nails**  
10° Anteversion

| Nail Length (cm) | Radius of Curvature (m) |
|------------------|-------------------------|
| 30               | 0.9                     |
| 33               | 0.9                     |
| 36               | 1.0                     |
| 39               | 1.3                     |
| 42               | 1.3                     |

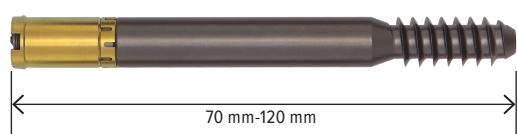
**10.5 mm Telescoping Lag Screw**



**10.5 mm Telescoping Lag Screw, Left**



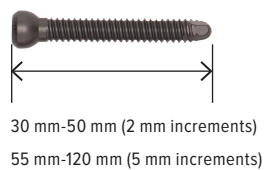
**10.5 mm Solid Locking Lag Screw**



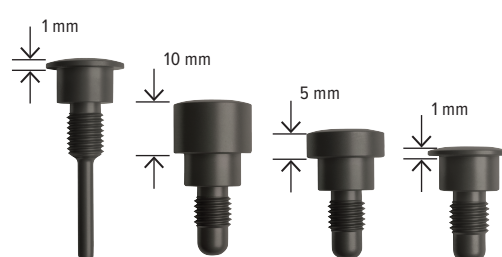
**5.0 mm Anti-rotation Screw**



**5.0 mm Captured Cortical Screw**

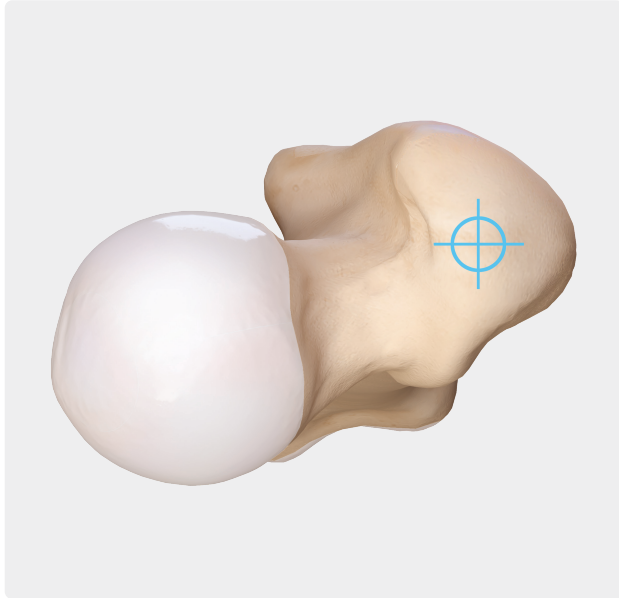


**Captured End Caps**



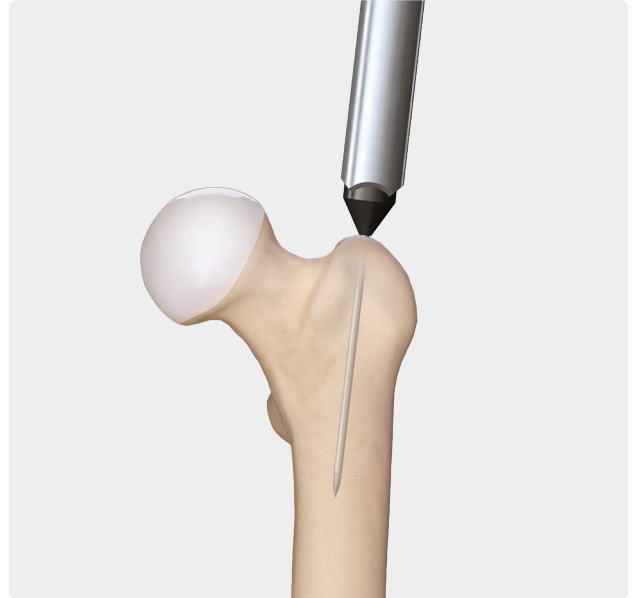
## Entry Point

In general, the entry point for the nail is located at the tip of the greater trochanter. This may vary depending on the patient anatomy, fracture pattern, etc.



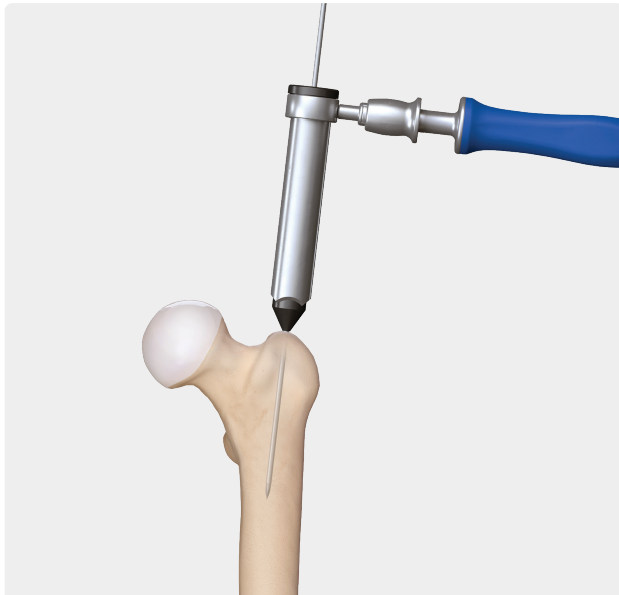
**AP**—tip of the greater trochanter or slightly medial.

**Lateral**—junction of the anterior and middle third of greater trochanter to optimize placement within the femoral neck.



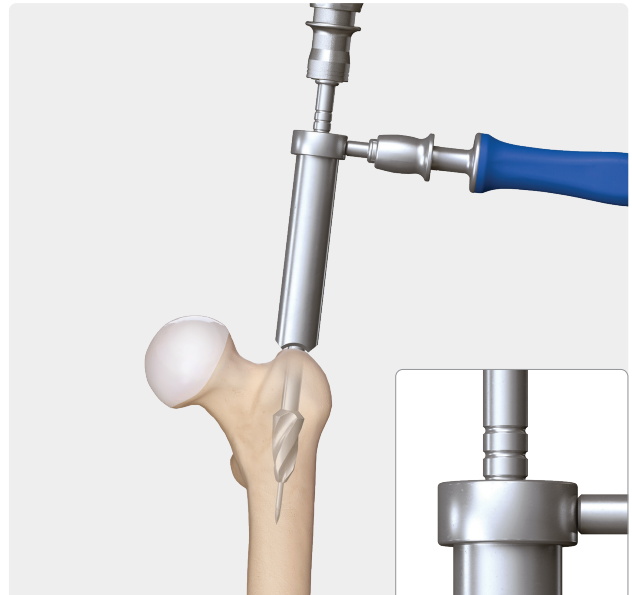
## Trochanteric Nail System Surgical Technique

### Entry Option 1—Opening One-Step Reamer



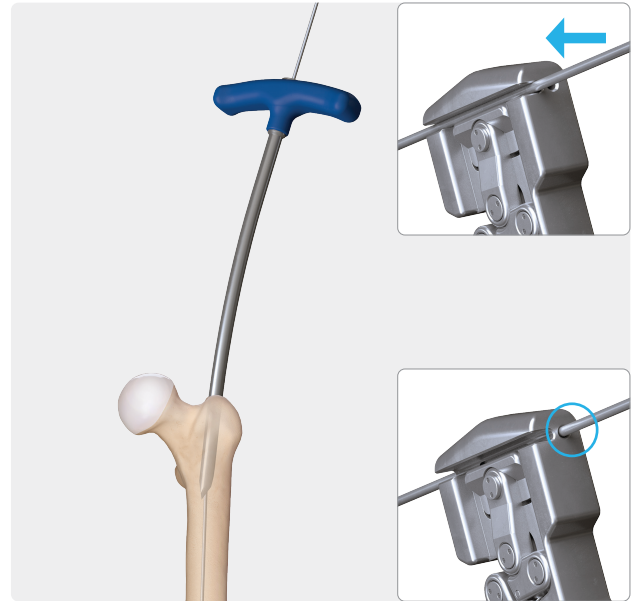
**1a**

Insert the **3.2 mm guide pin** through the **soft-tissue protector with pin guide** while aiming towards the central axis of the femoral shaft in the AP and lateral image views, distal to the lesser trochanter.



Remove the **black pin guide** and then ream over the 3.2 mm guide pin with the **16.5 mm cannulated entry reamer**. The entry reamer has grooves that are read from the top of the **soft-tissue protector**. The grooves indicate the reaming depth needed to insert the nail flush, 5 mm, or 10 mm deep into the femur.

## Entry Option 2—Cannulated Awl



1b

Alternatively, the greater trochanter can be opened with a **cannulated curved awl**, followed by the 3.0 mm ball nose guidewire placed through the curved awl to the desired depth. The **guidewire gripper** can be used through the guidewire cannulation or the side groove option to advance the wire. The awl is then removed.

Prepare the proximal body with the **16.5 mm cannulated entry reamer** over the **3.0 mm ball nose guidewire** through the **soft-tissue protector**.

## Intramedullary Reaming: Long and ES Nails Only



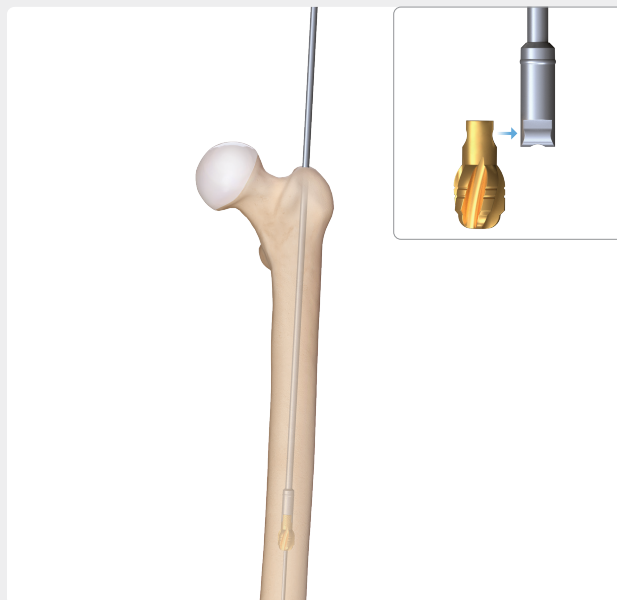
In general, it is not necessary to use flexible reamers to ream the femoral canal for the short trochanteric nail. Reaming may be necessary when using the ES trochanteric nail or long trochanteric nail.

A **reduction tool** (fracture finger) is available to assist in passing the **3.0 mm ball nose guidewire** through diaphyseal fractures by providing additional control of the proximal femoral fragment to gain alignment with the distal fragment(s).

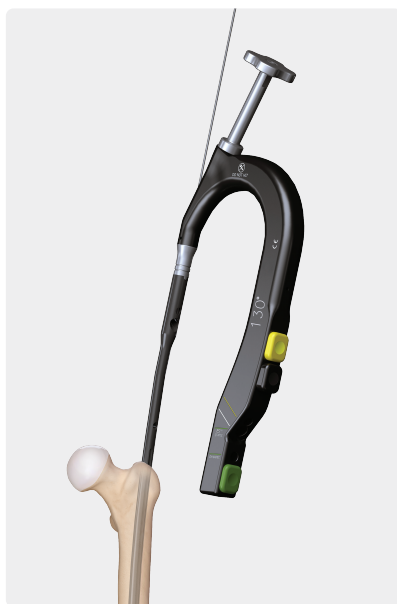
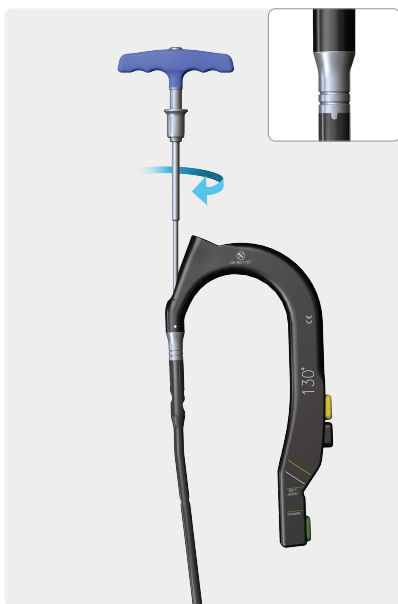
The **guidewire gripper** is used through the guidewire cannulation or the side groove option to advance the wire to the desired depth within the distal femur.



The length for the ES trochanteric nail and long trochanteric nails is determined by sliding the **guidewire depth gauge** over the guidewire to the greater trochanter and reading the measurement from the laser mark on the guidewire.



Begin reaming with the 8 mm end-cutting reamer over the ball nose guidewire. All other reamers are side cutting. Sequentially ream until cortical chatter is achieved. It is recommended to ream at least 1 mm to 1.5 mm over the desired nail diameter.

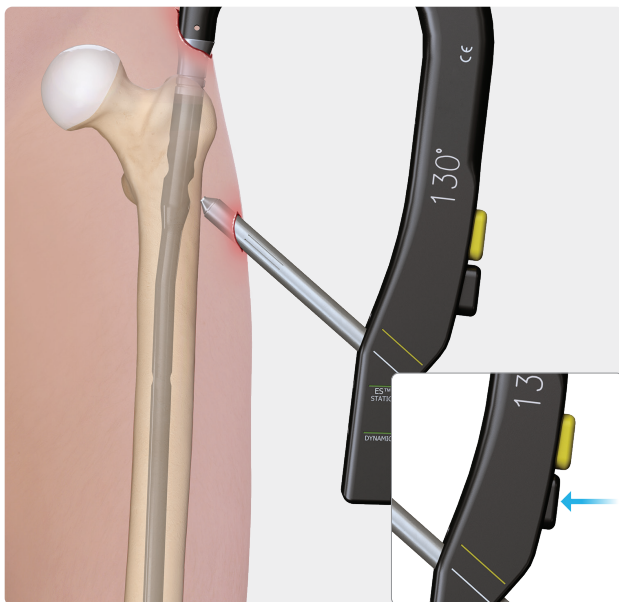


2

Attach the **125° or 130° radiolucent targeting arm** to the desired nail with the **ball hex driver**. Introduce the nail into the proximal femur. If a ball-tip guidewire is used, pass the nail over the guidewire.

For the ES and long nails, use the targeting arm to control nail rotation during implantation. Start with the targeting arm anterior and rotate laterally as the nail advances. This allows the bow of the nail to pass through the proximal femur. The short nail has no bow so it can be implanted with the jig lateral to the leg. If needed, gentle malleting on the **impactor pad** can be used to advance the nail. **Do NOT directly impact the radiolucent targeting arm!**

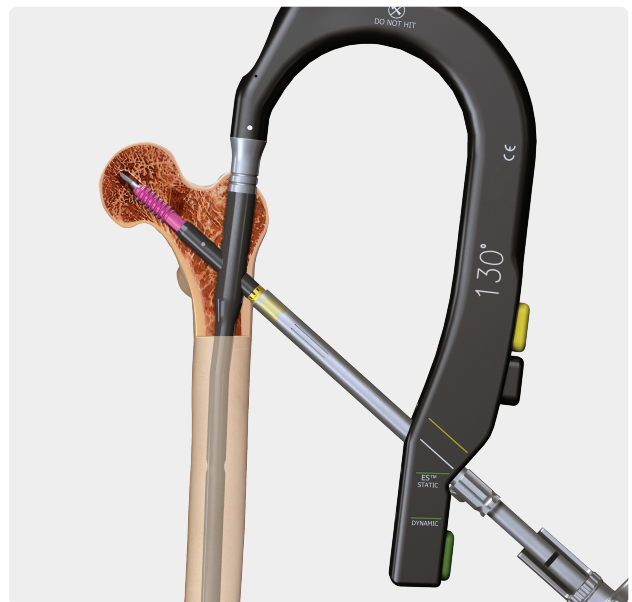




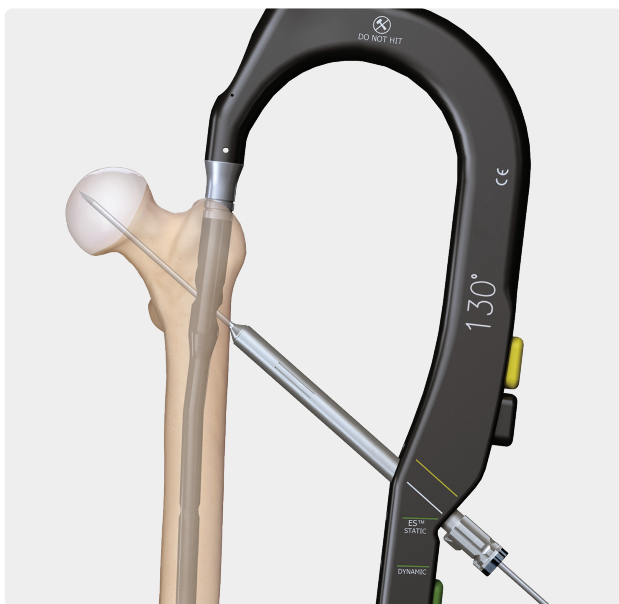
3

Once the nail has been implanted, insert the lag screw triple-sleeve assembly through the targeting arm by pressing the black button. The assembly consists of the **lag screw sheath**, **3.2 mm pin guide**, and **3.2 mm obturator**.

Make an incision and push the assembly up to the lateral cortex of the femur and then remove the obturator.

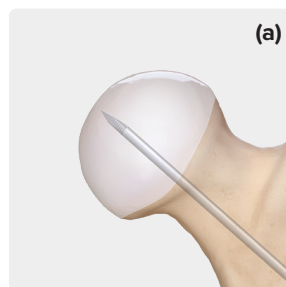


**Option:** If biologic augmentation with a bone void filler is desired, please see **page 21** for augmentation steps, as a longer guide pin from the Arthrex Augmentation System will be needed.

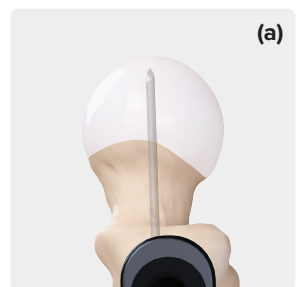


4

Insert the **3.2 mm lag screw guide pin** with a pin driver through the pin guide into the femoral head. The positioning of the guide pin should be checked on both AP and lateral views.



**AP (a)**—the guide pin should be centered AP in the femoral head or slightly inferior.

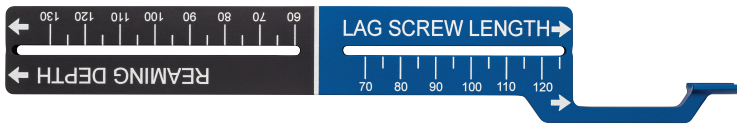


**Lateral (b)**—the guide pin should be centered in the femoral head or slightly posterior.

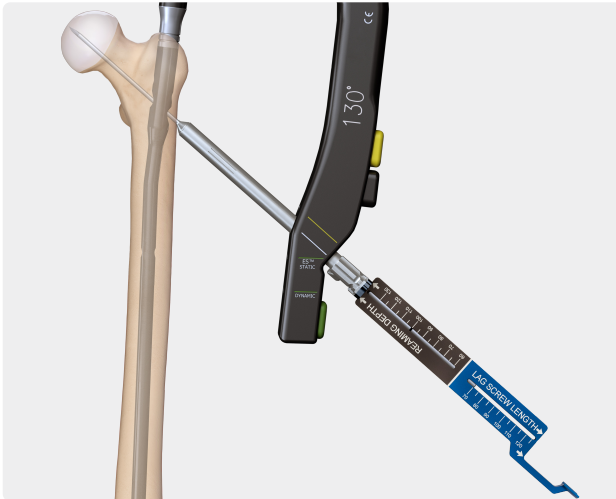
Advance the tip of the guide pin approximately 5 mm from the subchondral bone.

**Note:** If there is intraoperative instability of the femoral head fragment, the anti-rotation screw sheath and drill guide may be inserted into the targeting module at this time. The anti-rotation screw or just the anti-rotation drill may be used to stabilize the head fragment while preparing and inserting the lag screw.

## Measurement Device: Lag Screw Depth Gauge



The lag screw depth gauge is a dual-sided tool designed to provide two measurements: (1) the reaming depth to the tip of the guide pin, and (2) the appropriate lag screw length to ensure the locking ring is centered within the nail when the screw is advanced to the guide pin tip.



1

With the pin guide against the lateral cortex, place the “REAMING DEPTH” side of the lag screw depth gauge over the guide pin and against the pin guide.

This measurement will provide the reaming distance from the 3.2 mm pin guide to the tip of the guide pin.



2

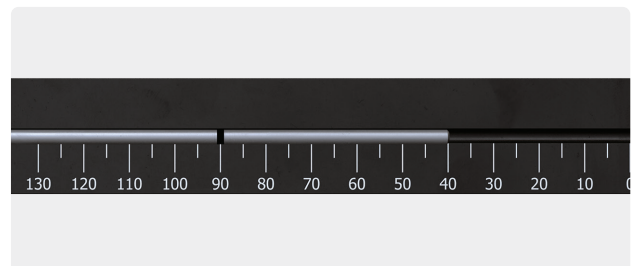
Place the “LAG SCREW LENGTH” side of the lag screw depth gauge over the guide pin with extension pressed against the targeting arm above or below the lag screw cannula.

This measurement will provide the lag screw length required to ensure the locking ring is centered within the nail when advanced to the tip of the guide pin.

## Alternate Measurement Device: Legacy Depth Gauge

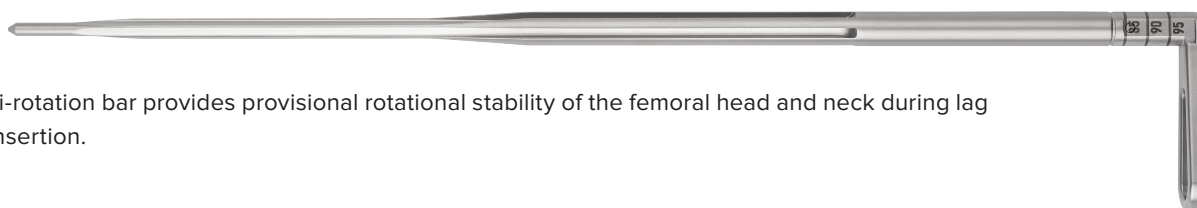


Place the **guide pin depth gauge** under the **3.2 mm lag screw guide pin** with the flat end against the pin guide.

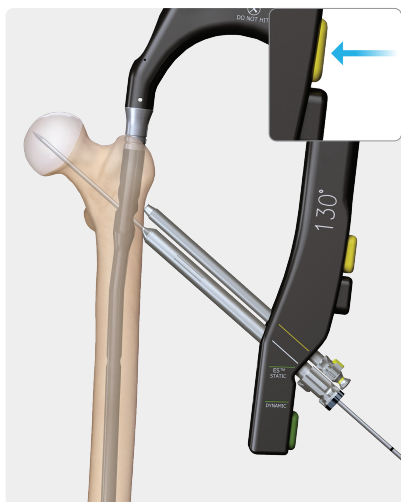


Read the required length from the depth gauge and ensure that the pin guide is touching the bone. The guide pin measures to the tip so at least 5 to 10 mm should be subtracted from the measurement when determining reaming depth and lag screw length selection. Fracture reduction, nail position, and/or anticipated fracture compression should be considered.

## Anti-Rotation Bar (Optional)

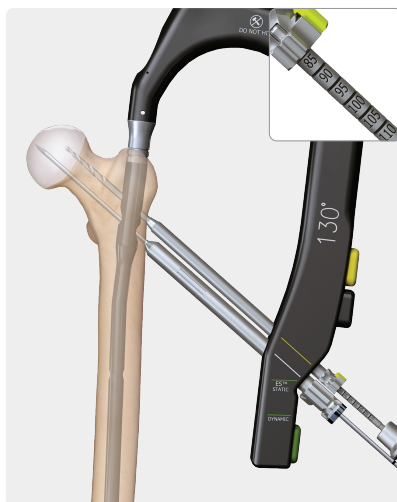


The anti-rotation bar provides provisional rotational stability of the femoral head and neck during lag screw insertion.



1

While depressing the yellow button, insert the anti-rotation triple-sleeve assembly into the targeting arm. Ensure that it is properly seated and positioned against the lateral cortex.



2

Remove the obturator and drill using the 5.0 mm calibrated stepped drill bit.

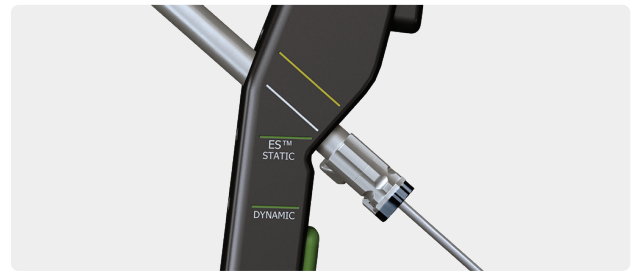
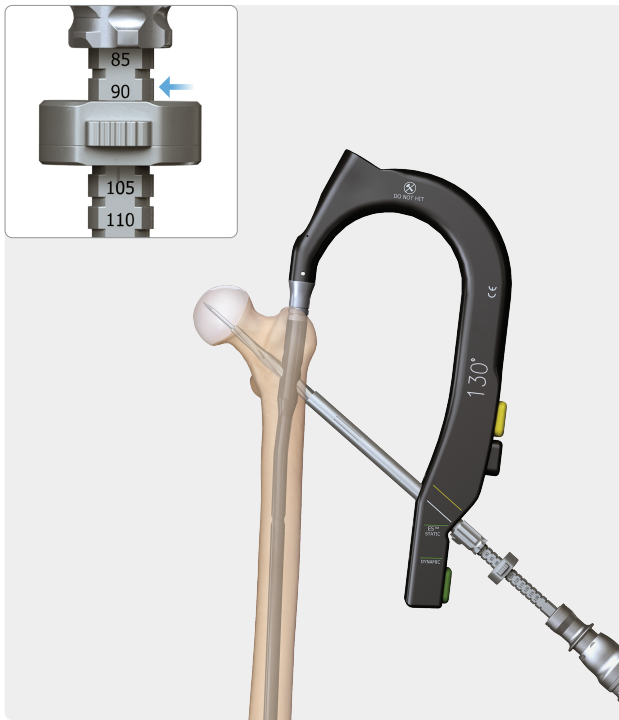
**Note:** A drill depth of approximately 10-15 mm short of the intended lag screw position is recommended. To maximize anti-rotation screw thread purchase, avoid drilling beyond the desired screw location.



3

Remove the inner drill cannula. Using the drill measurement, insert the appropriately sized anti-rotation bar into the outer sheath.

Calibration marks may be used to confirm the proper depth and potential anti-rotation screw length.

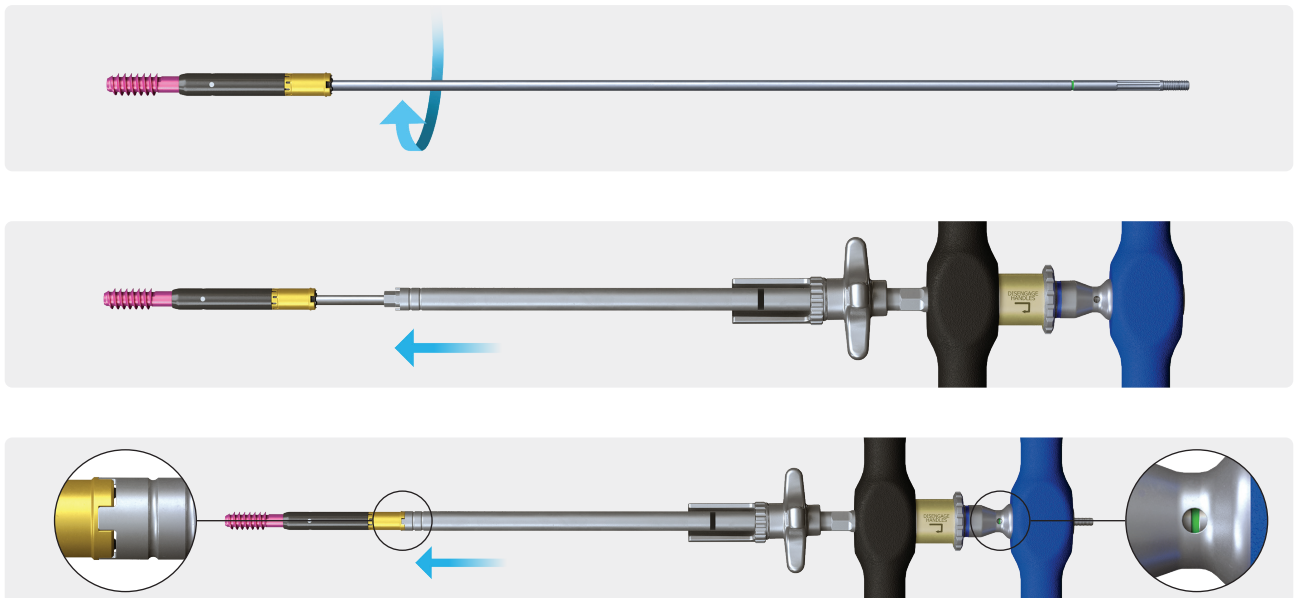


4

Set the **adjustable stop** on the **10.3 mm cannulated lag screw drill** to the desired depth. At least 5-10 mm less than the measurement is recommended so the tip of the drill does not pass beyond the guide pin.

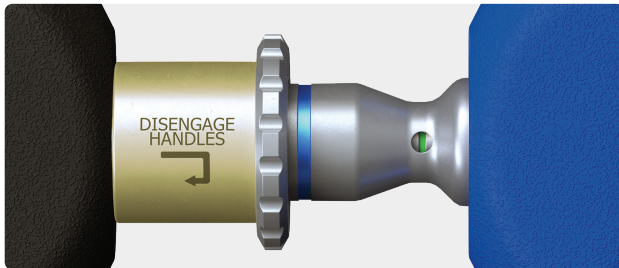
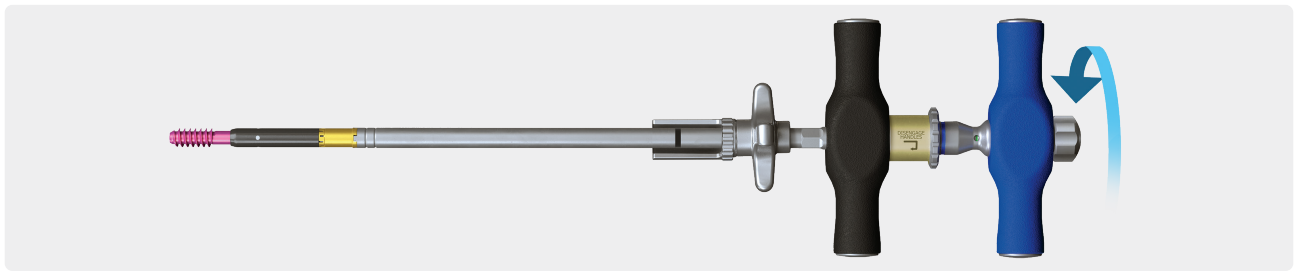
Remove the **3.2 mm pin guide** from the **lag screw sheath** by depressing the black lever. Drill over the lag screw guide pin through the femoral head until the stop contacts the sheath. Confirm the desired depth radiographically and ensure the sheath is seated against the bone.

A **lag screw tap** is available if needed.



5

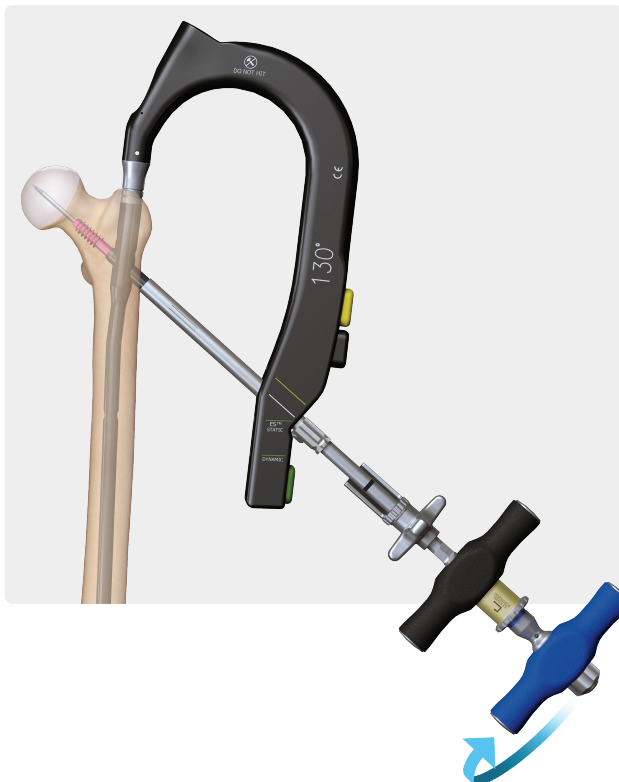
Screw the **lag screw capturing rod** onto the desired length lag screw. Slide the **lag screw inserter** over the **lag screw capturing rod** and rotate the inserter until the “castle” pieces and hex driver mate with the lag screw. A green line centered in the window in the blue handle can be used to ensure proper alignment.



6

Screw the **lag screw capturing rod nut** onto the rear of the assembly. **Do NOT use the ball hex driver for this step. Hand tighten ONLY!**

The gold ring should be set forward showing the blue ring to prepare for lag screw insertion. If the black ring is showing, pull back and rotate the knob clockwise.



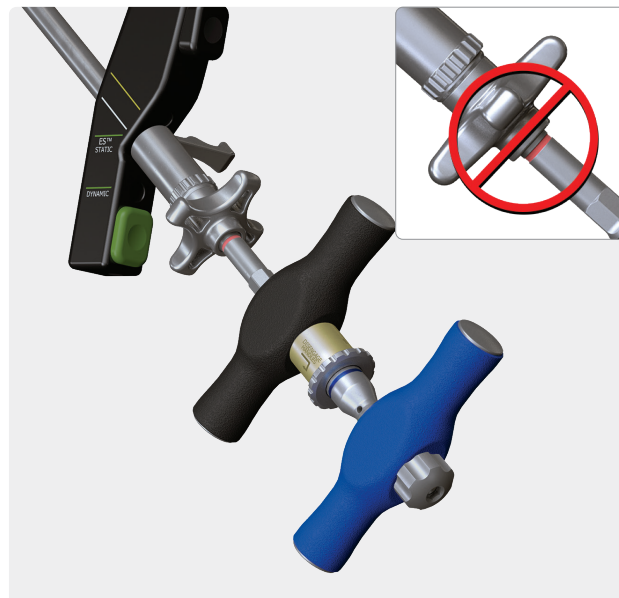
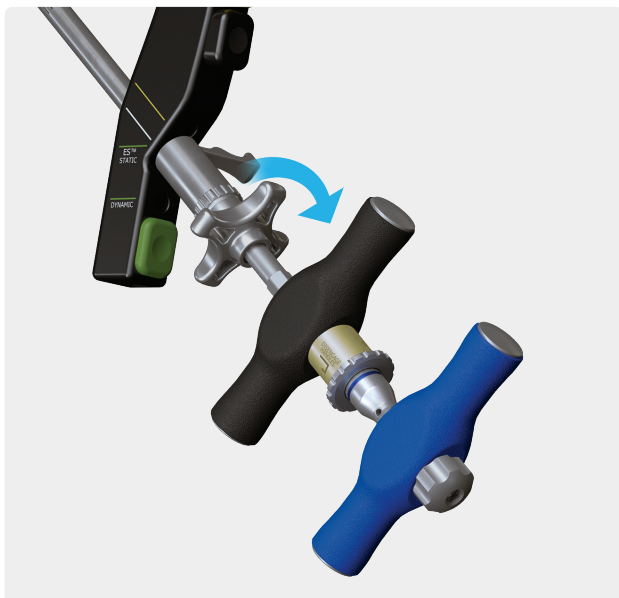
7

Insert the lag screw over the **3.2 mm lag screw guide pin** through the **lag screw sheath** to the desired depth using the blue handle. When the black laser marking on the inserter reaches the sheath, the lag screw has exited the other end of the sheath.

**Note:** If intraoperative compression is planned, countersink the lag screw to provide enough travel for the lag screw to lock into the nail.

**Note:** The left threaded lag screw is implanted by turning the handle counterclockwise.



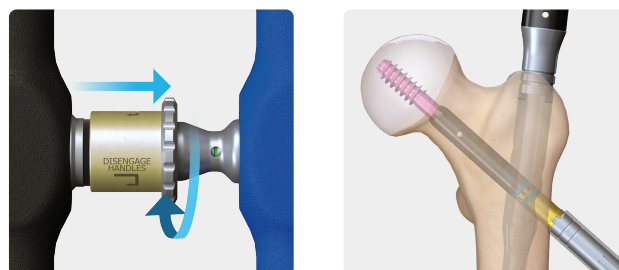
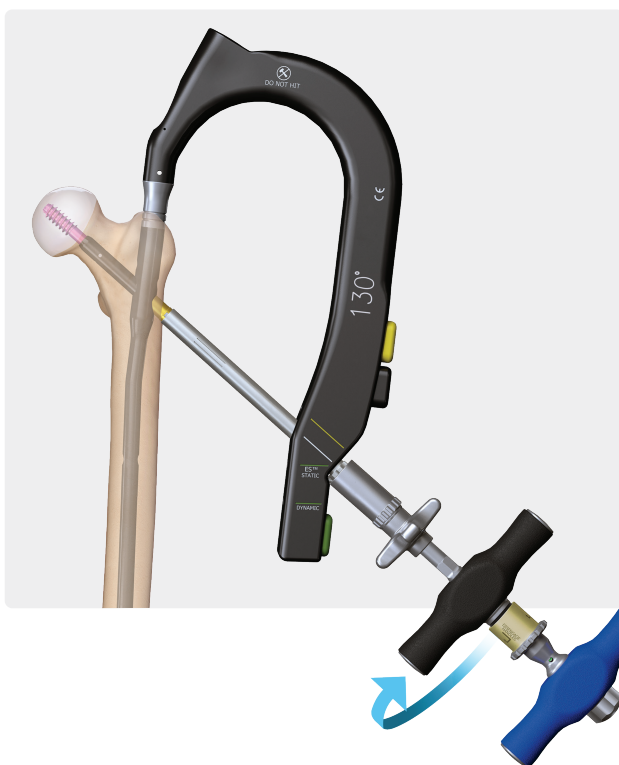


8

Push the **compression sleeve** towards the targeting arm and rotate clockwise until it makes contact. If intraoperative compression is desired, continue rotating the compression sleeve clockwise until compression is achieved.

The mechanism will stop advancing and spin in place showing a red line when the lag screw is too lateral and can no longer be locked. If this occurs, the lag screw should be inserted further into the head and the compression knob used again.

**Note:** If planning for compression, choose a shorter lag screw and countersink the lateral edge of the lag screw prior to the compression step.



9

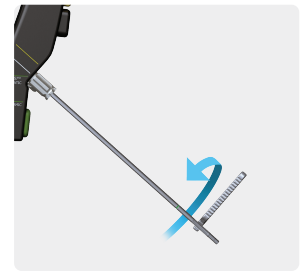
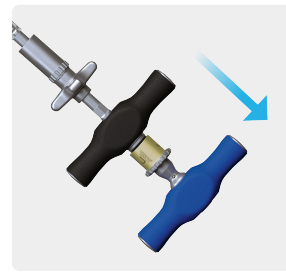
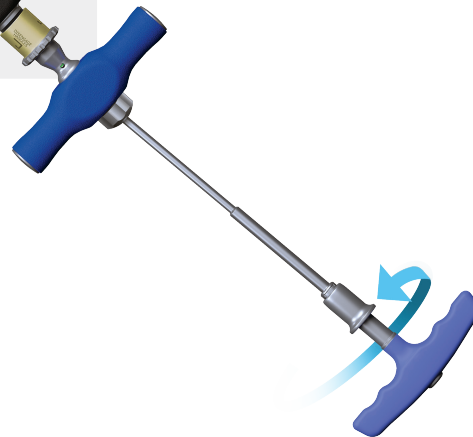
Pull back on the gold knob and turn counterclockwise to engage the black handle. The black ring will now be showing.

To lock the telescoping lag screw/solid locking lag screw, hold the blue lag screw insertion handle stationary and turn the black locking T-handle clockwise until the torque limiter clicks.



10

Unscrew the **lag screw capturing rod nut** by hand or with the **ball hex driver**.



Pull out the inserter assembly and unscrew the **lag screw capturing rod** by hand or with the **lag screw capturing rod wrench**.



11

To allow postoperative compression in the telescoping lag screw, remove the activation sleeve by inserting the **activation tool** through the sheath into the lag screw and turning counterclockwise. The activation sleeve will retain to the tip of the activation tool once disengaged from the lag screw.

Remove the **lag screw sheath**.

**Note:** If postoperative compression is not desired, leave the activation sleeve within the lag screw.



## Anti-Rotation Screw Insertion (Optional)

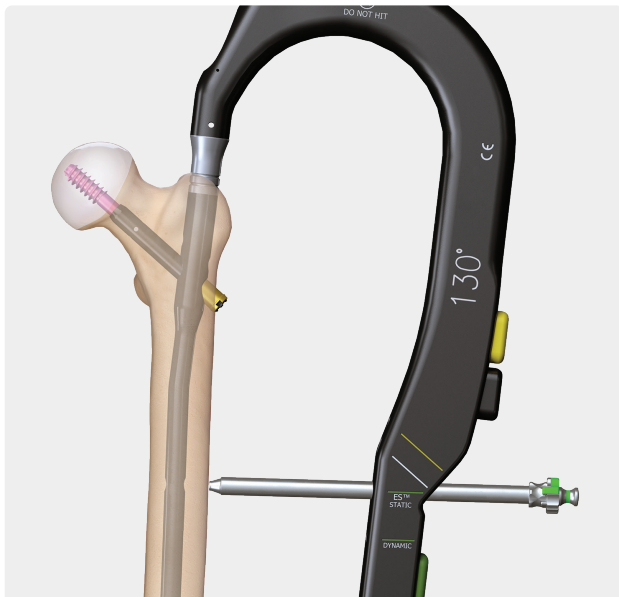


If there is rotational instability during insertion of the lag screw, a **5.0 mm anti-rotation screw** may be used to prevent rotation of the femoral head. Place the **anti-rotation screw triple-sleeve** assembly into the anti-rotation hole in the targeting arm while depressing the yellow button. Extend the incision as needed. Remove the **anti-rotation obturator** and drill with the **5.0 mm calibrated step drill**.



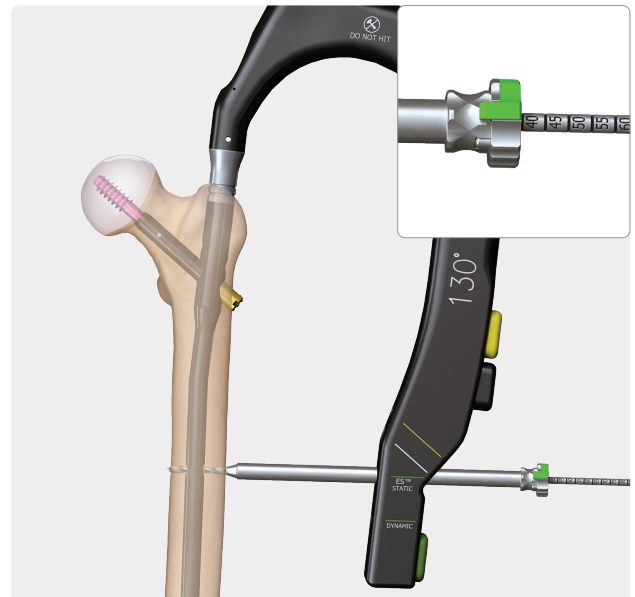
Remove the **anti-rotation drill guide** from the sheath and insert the desired length **5.0 mm anti-rotation screw** using the **5.0 mm hex driver**.

It is recommended to use an anti-rotational screw at least 10 mm shorter than the lag screw.



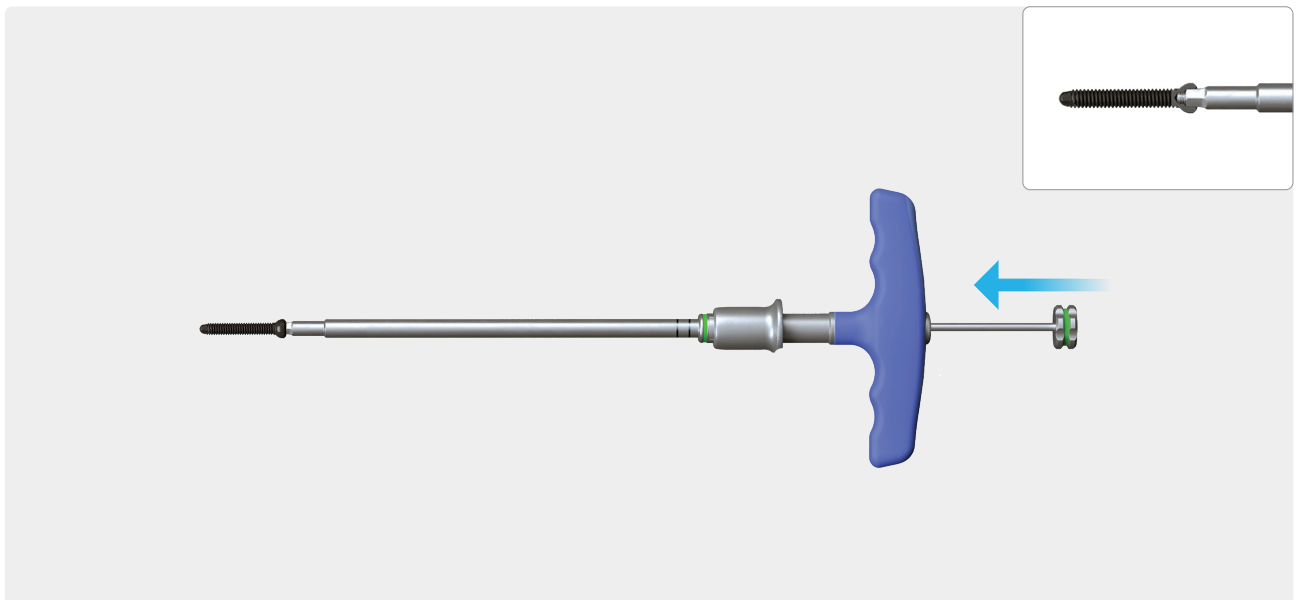
12

For the ES and short nails, distal locking is accomplished using the targeting arm. Place the **distal screw triple-sleeve** assembly through the appropriate distal hole while depressing the green button on the targeting arm and mark the skin.



Make the incision and place the distal screw triple-sleeve assembly to the lateral cortex of the bone. Remove the **distal drill guide obturator**. Drill bicortically using the **4.0 mm calibrated drill bit** and measure off of the drill bit.

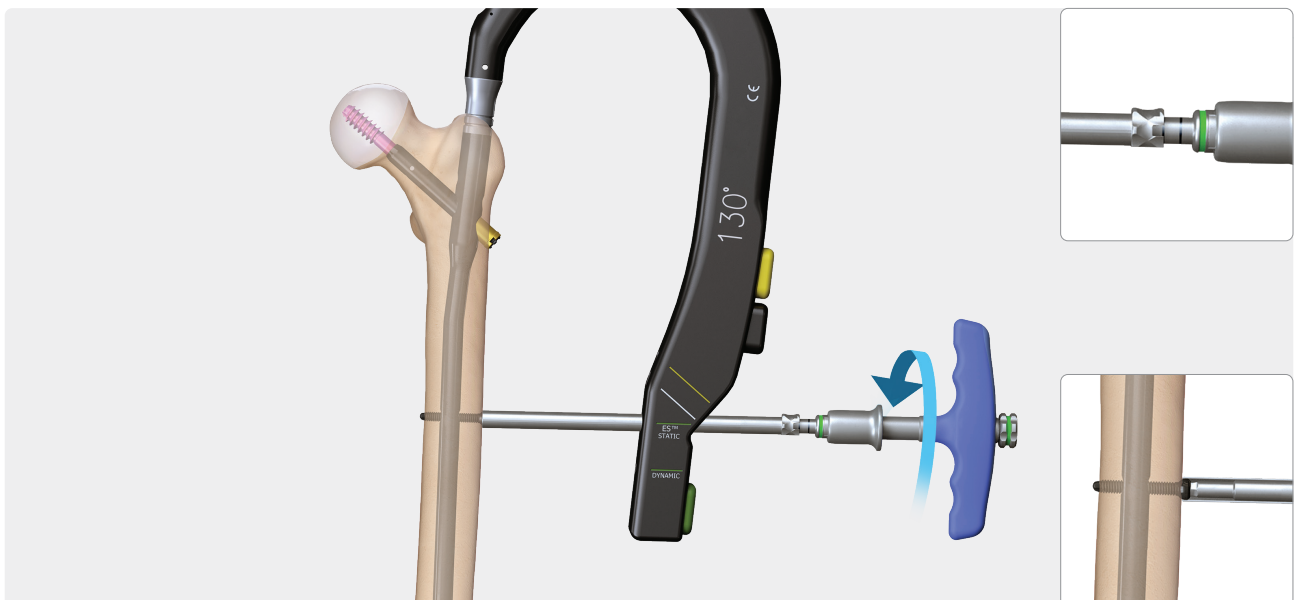




**13**

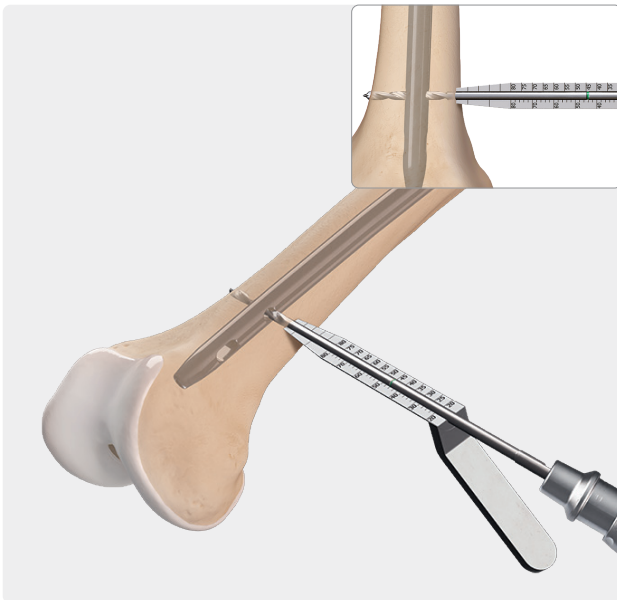
Assemble the **5.0 mm captured cortical screw** onto the **5.0 mm cannulated hex driver** and **T-handle** and then screw the **screw capturing rod** into the head of the 5.0 mm screw.

Depending on preference, a **straight screwdriver handle** with its own capturing rod is also available.



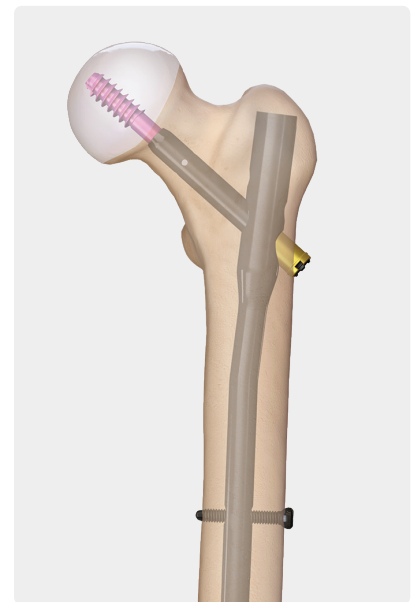
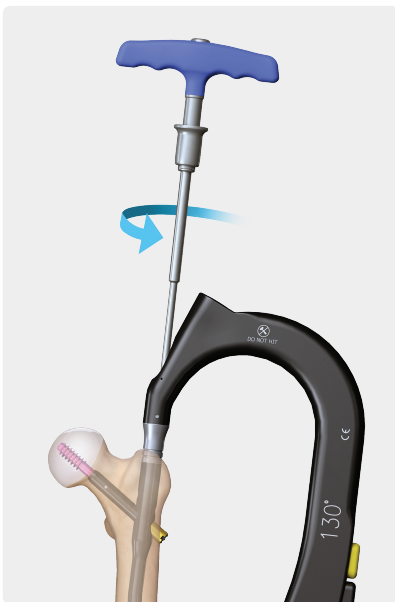
**14a**

Remove the **distal drill guide** and insert the 5.0 mm screw through the sheath using the captured hex driver. When the first laser mark reaches the sheath, the bottom of the screw head has reached the other end of the sheath. Unscrew the capturing rod in the hex driver and remove the driver assembly.



**14b**

For the long nail, distal locking is accomplished using the perfect circles technique and confirming the screw length with the calibrated line on the **4.0 mm short drill bit** with the **distal depth gauge** or **hook-tip depth gauge**.



**15**

To remove the jig, use the ball hex driver to unscrew the locking bolt through the top hole or the impactor pad attachment hole.

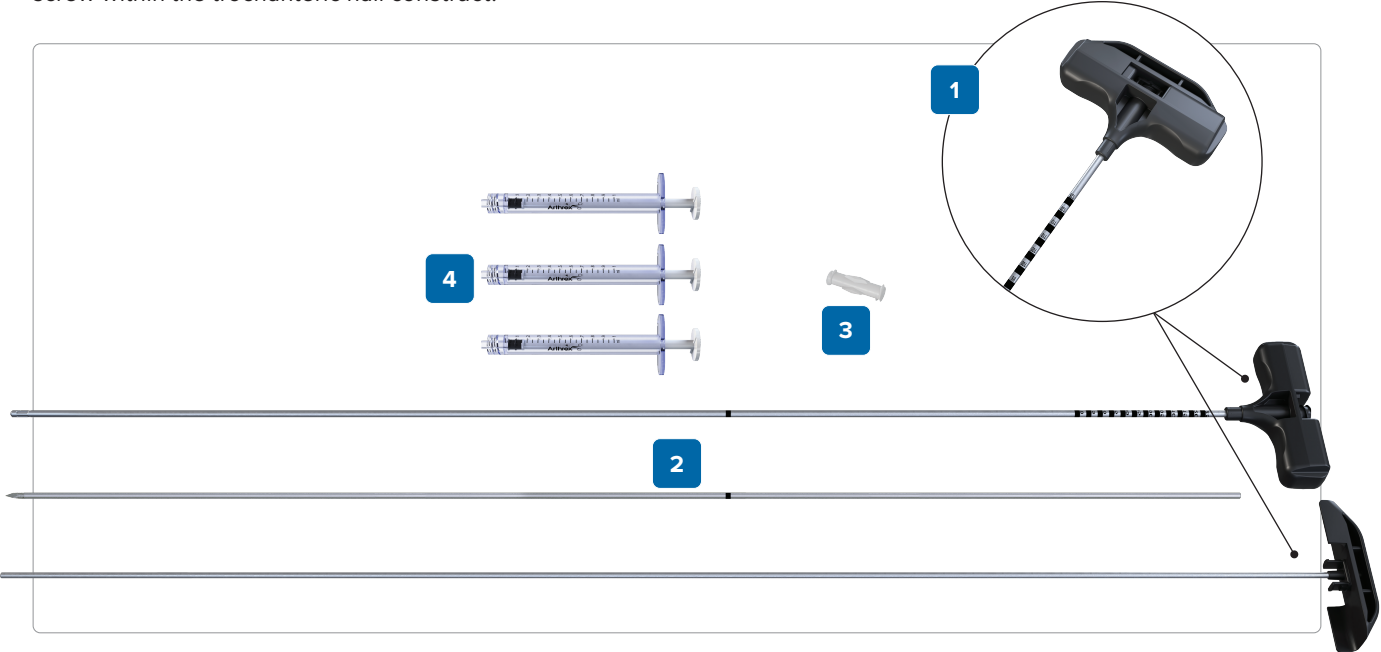
#### **End Cap (optional)**

An end cap can be used to protect the proximal threads of the nail and/or increase the proximal height of the nail. Choose the proper end cap based on the depth of countersink of the nail, flush, 5 mm, or 10 mm. Using the **5.0 mm hex driver with T-handle** or **straight handle** and corresponding **capturing rod**, implant the appropriate end cap into the proximal end of the nail.

# Trochanteric Nail Augmentation System

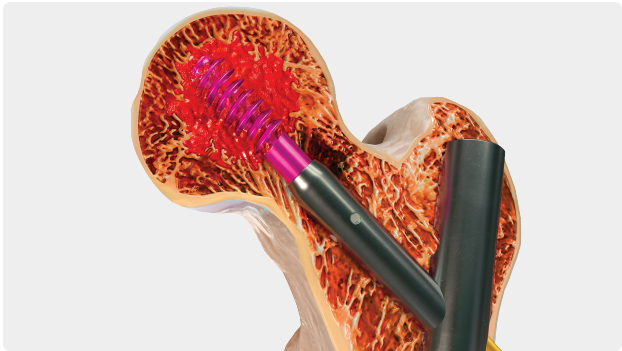
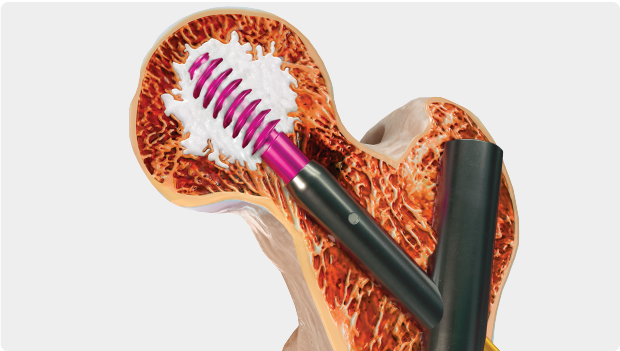
## System Components (ABS-1094)

The Arthrex Trochanteric Nail Augmentation System enables streamlined delivery of any bone graft around the lag screw within the trochanteric nail construct.



| Pic. | Qty. | Description              |
|------|------|--------------------------|
| 1    | 1    | Delivery cannula, 3.2 mm |
| 2    | 1    | Guide pin, 3.2 mm        |
| 3    | 1    | Female-to-female Luer    |
| 4    | 3    | Syringe, 1 cc            |

The system is able to deliver a variety of flowable bone grafts, such as allograft or synthetic bone void fillers.

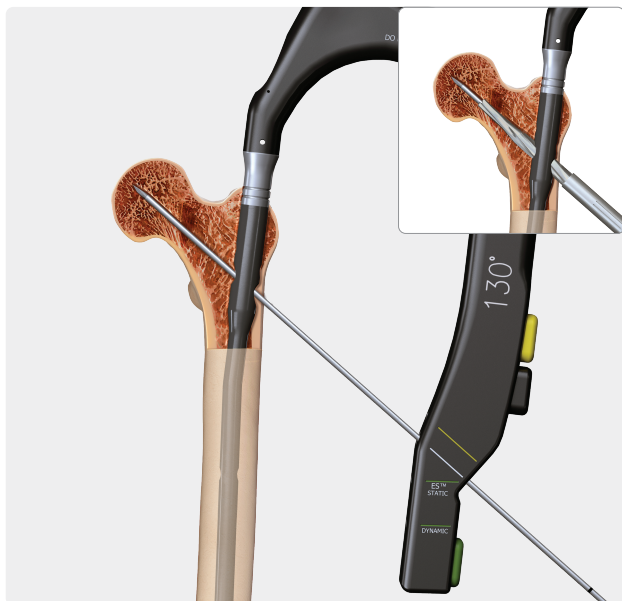


## Preoperative Planning

Before the case, it is important to determine whether bone graft augmentation will be used, to ensure that the longer guide pin from the augmentation kit is selected.



## Trochanteric Nail Augmentation System Technique



1

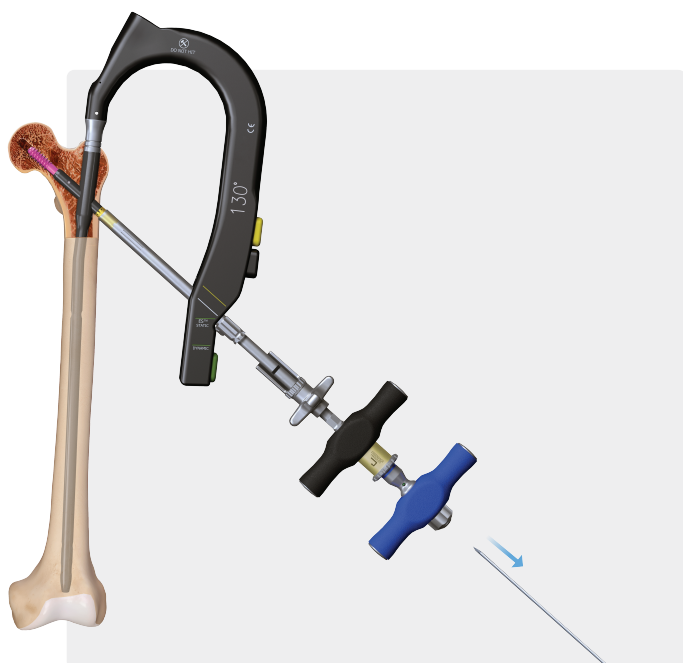
Following nail placement, the 3.2 mm guide pin from the augmentation system is inserted into the femoral head using a pin driver through the pin guide. Standard steps for measuring reaming depth and determining lag screw length are then followed, along with the usual reaming procedure.

**Note:** After reaming, confirm that the 3.2 mm guide pin has not perforated the femoral head. **If perforation has occurred, do not proceed with augmentation, and complete the remaining procedural steps without the addition of biologics.**



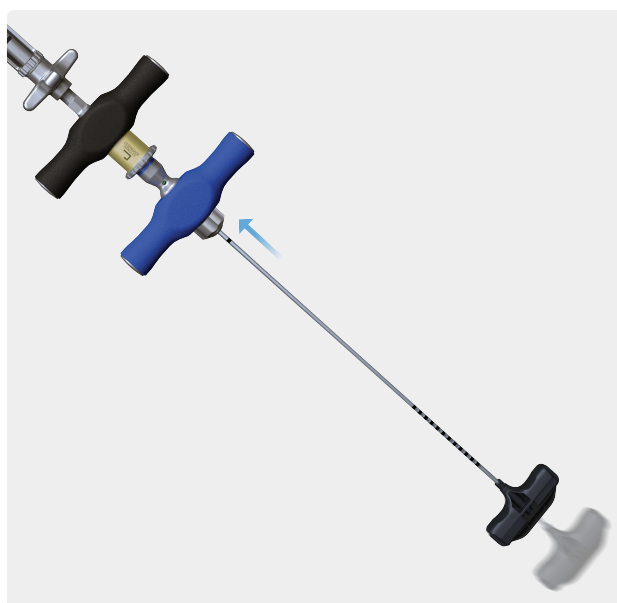
2

Once the appropriate lag screw size has been selected, begin insertion, but **stop advancing 10 mm before the final insertion point.**



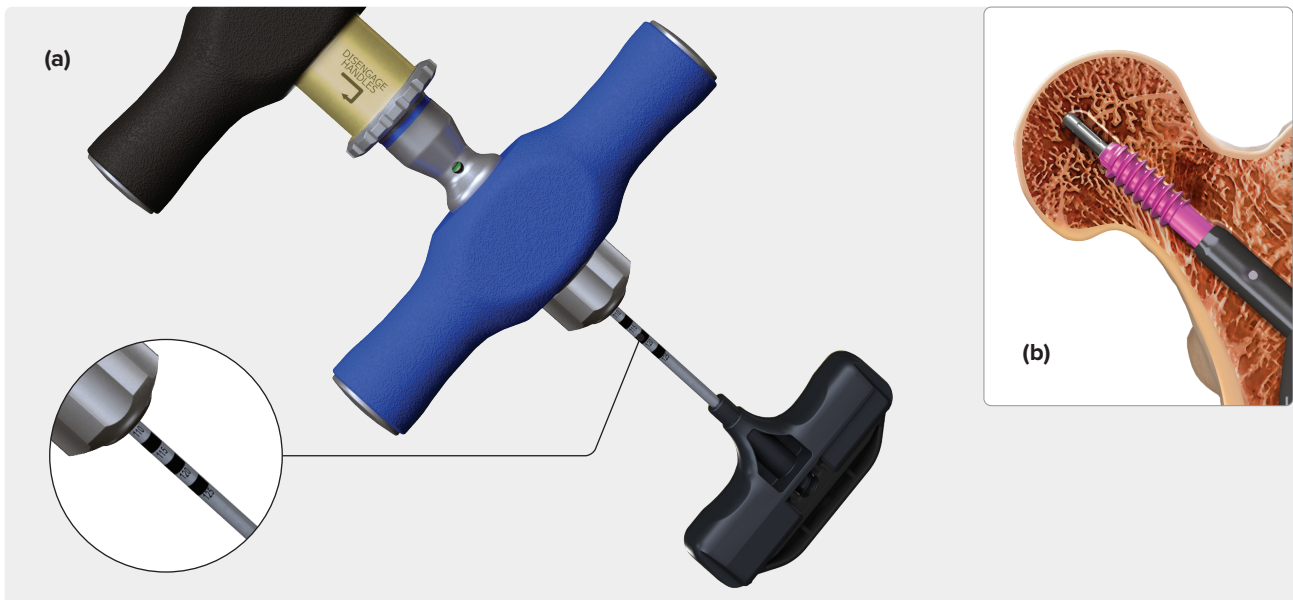
3

Remove the guide pin from the inserter handle.



4

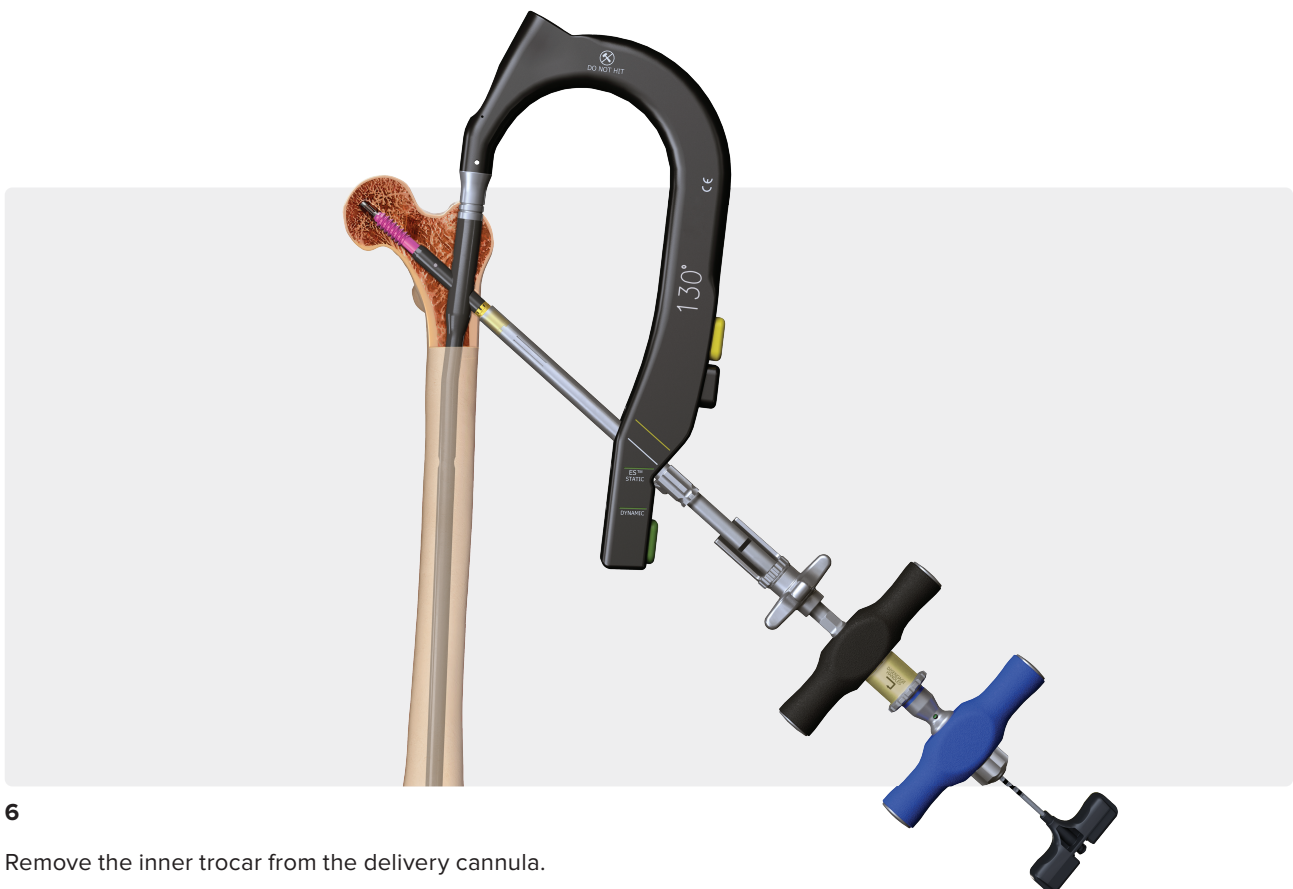
Insert the delivery cannula through the blue handle.



5

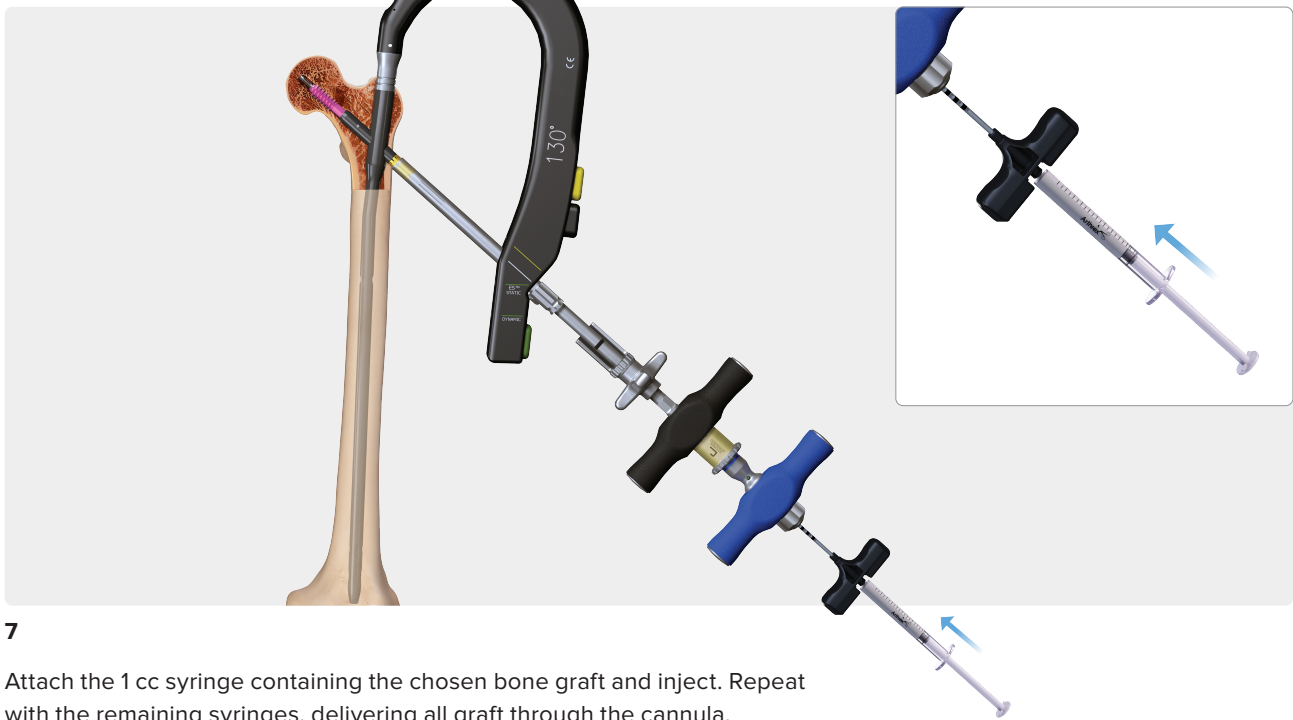
Match the cannula measurement mark to the selected lag screw size **(a)**. This will determine the injection depth **(b)**, which is 10 mm past the tip of the lag screw. Therefore, the cannula tip will protrude 10 mm beyond the incompletely inserted lag screw. This position must be confirmed on fluoroscopy.

**Example:** If a 100 mm lag screw is selected, “100” mark on the delivery cannula should be seen at the top of the handle.



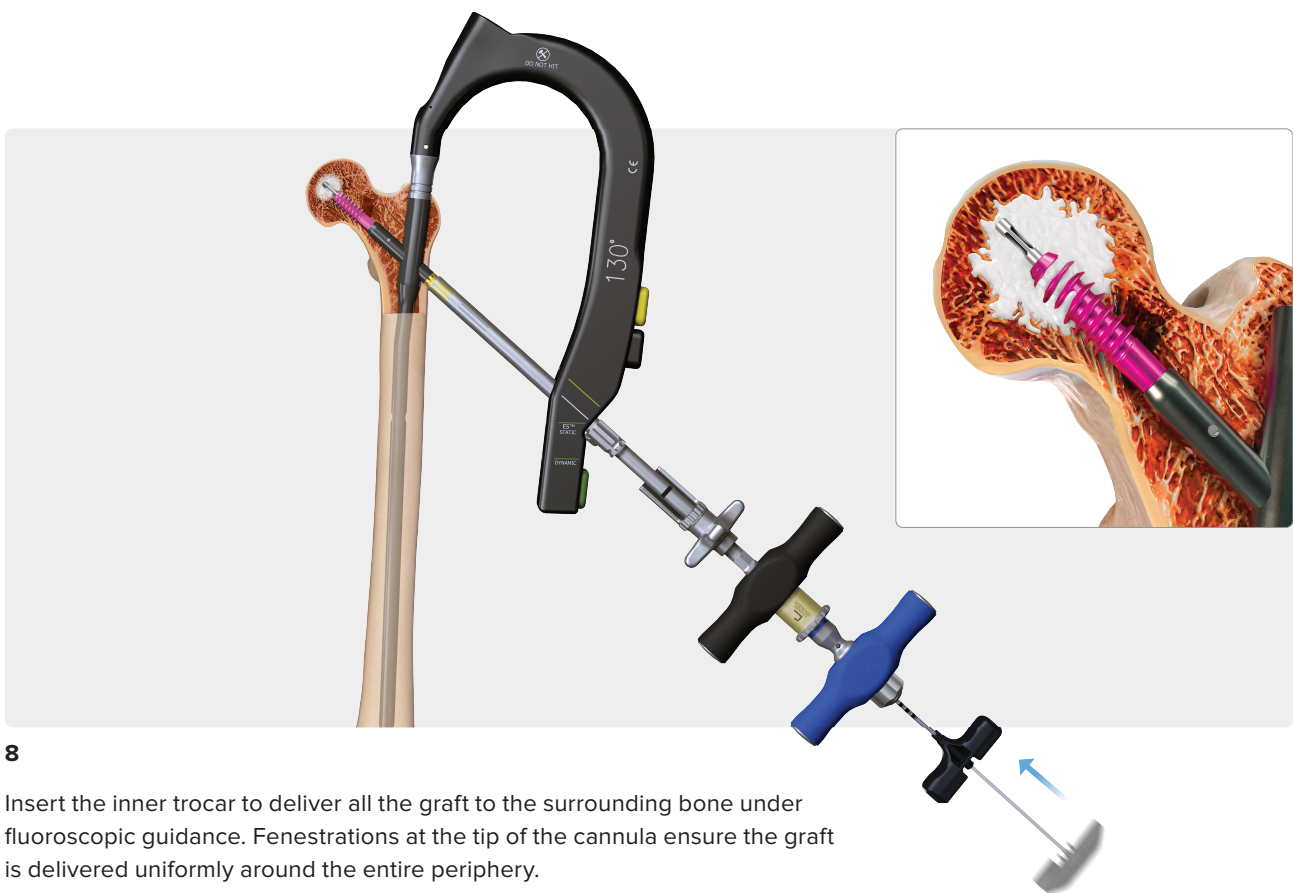
Remove the inner trocar from the delivery cannula.

**Note:** Before proceeding with augmentation, it is essential to confirm that the femoral head has not been inadvertently perforated by the guidewire or cannula during the previous steps. If perforation of the femoral head has occurred, augmentation should not be completed.



7

Attach the 1 cc syringe containing the chosen bone graft and inject. Repeat with the remaining syringes, delivering all graft through the cannula.



8

Insert the inner trocar to deliver all the graft to the surrounding bone under fluoroscopic guidance. Fenestrations at the tip of the cannula ensure the graft is delivered uniformly around the entire periphery.





**9**

With the delivery cannula inside the inserter handle, advance the lag screw through the bone void filler until it reaches the appropriate tip-apex position. The bone void filler surrounds the screw threads and flows into the surrounding bone.

**10**

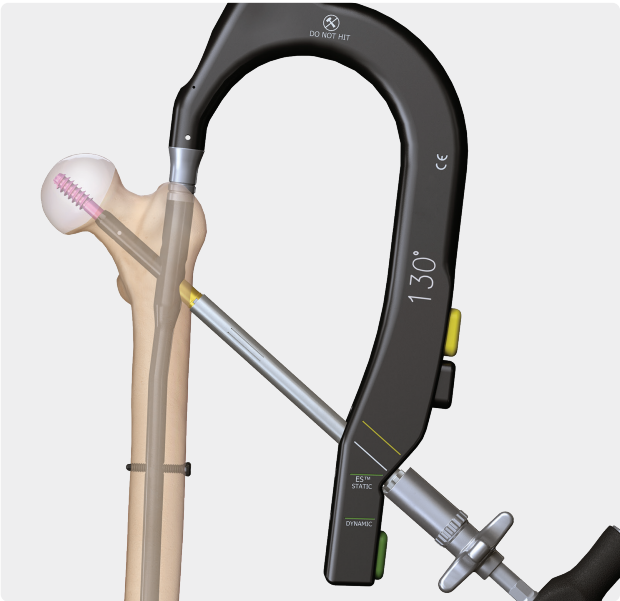
Complete the standard remaining steps for lag screw activation (optional), antirotation screw insertion (optional), and jig removal.



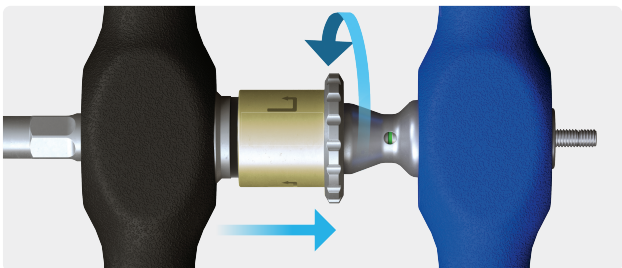
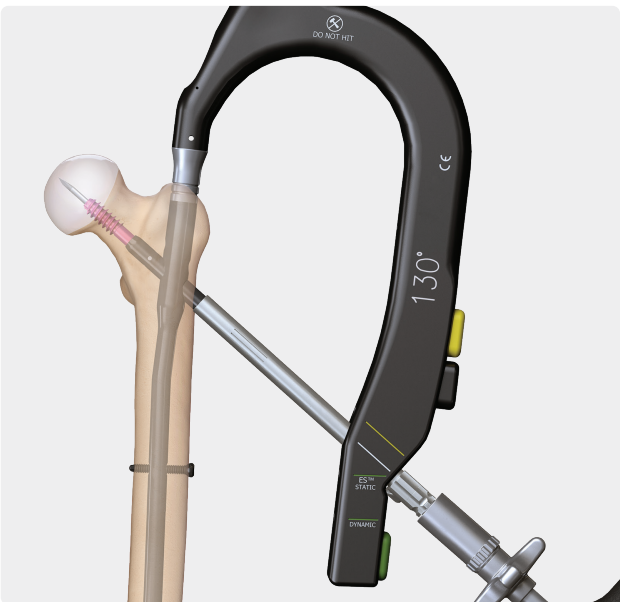
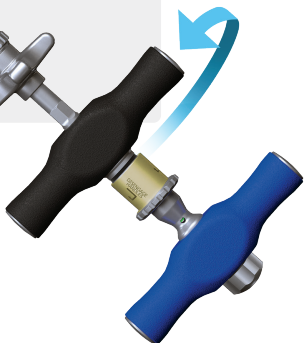


# Removal Technique

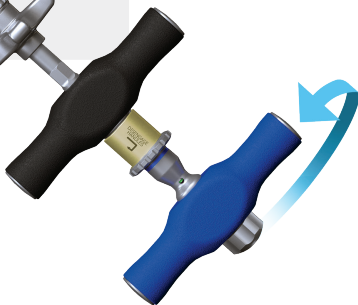
## Lag Screw Loosening and Removal



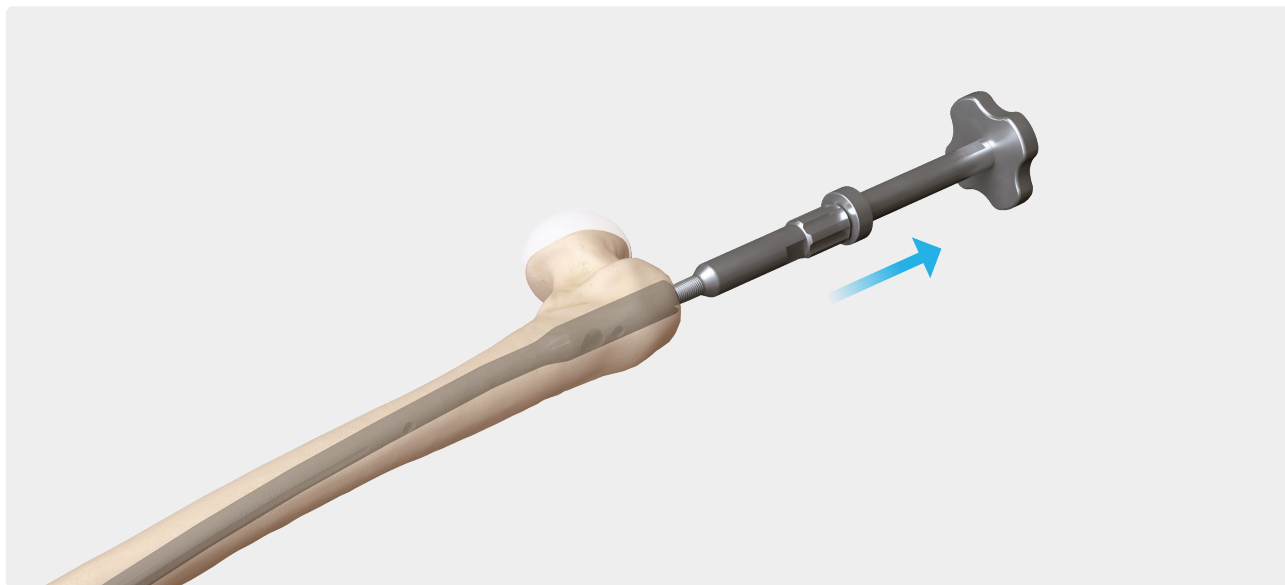
Pull back on the gold knob and turn counterclockwise so the black ring is showing. Hold the blue insertion handle stationary and turn the black locking T-handle counterclockwise until the locking ring is loosened.



Pull back on the gold knob and turn clockwise so the blue ring is showing. Turn the blue insertion handle counterclockwise to remove the lag screw.

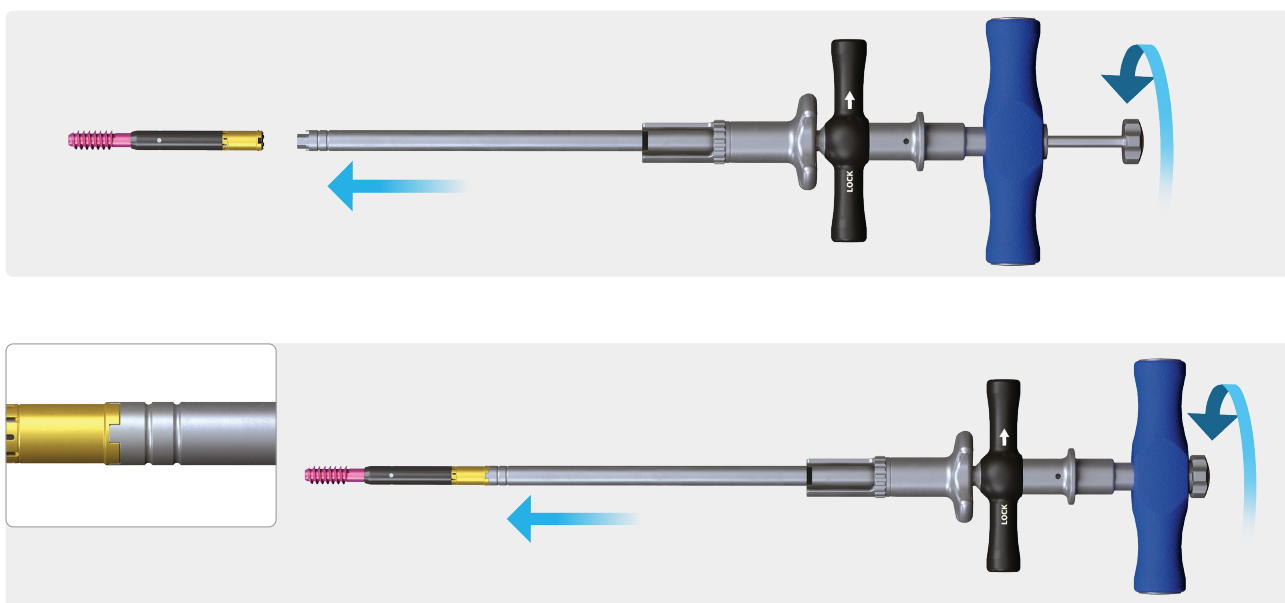


## Nail Removal

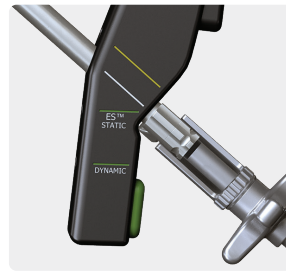


To extract the nail, remove the end cap if present and attach the extraction bolt. Remove the lag screw as shown in the previous section (jig not required) and the anti-rotation screw (if present) and cortical locking screws. Attach the impactor pad to the extraction bolt and then apply backward blows with a mallet.

## Legacy Lag Screw Inserter Technique



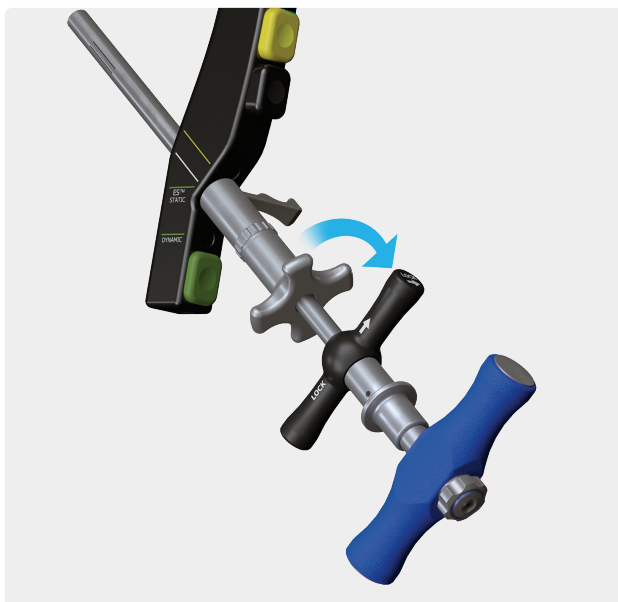
Thread the **compression sleeve** over the **lag screw inserter**. Place the **lag screw capturing rod** through the lag screw inserter and attach the selected 10.5 mm telescoping or solid locking lag screw onto the inserter. Rotate the inserter until the “castle” pieces and hex driver mate with the lag screw.



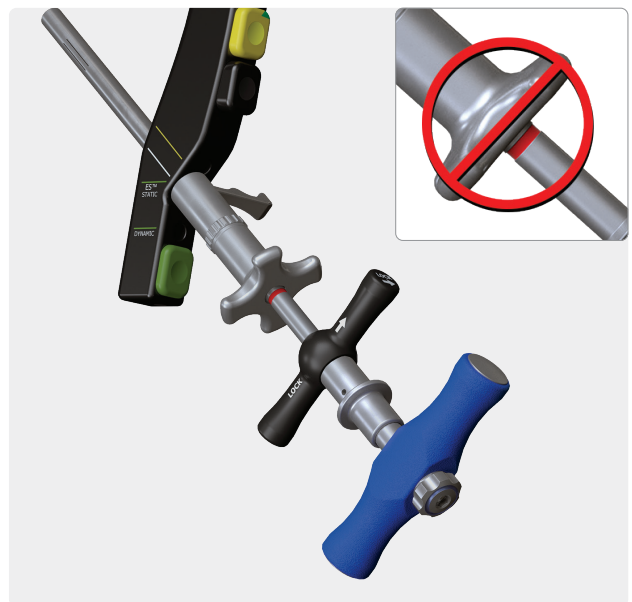
Insert the lag screw over the **3.2 mm lag screw guide pin** through the **lag screw sheath** to the desired depth using the blue handle. When the black laser marking on the inserter reaches the sheath, the lag screw has exited the other end of the sheath.

**Note:** If intraoperative compression is planned, countersink the lag screw to provide enough travel for the lag screw to lock into the nail.

**Note:** The left-threaded lag screw is implanted by turning the handle counterclockwise.

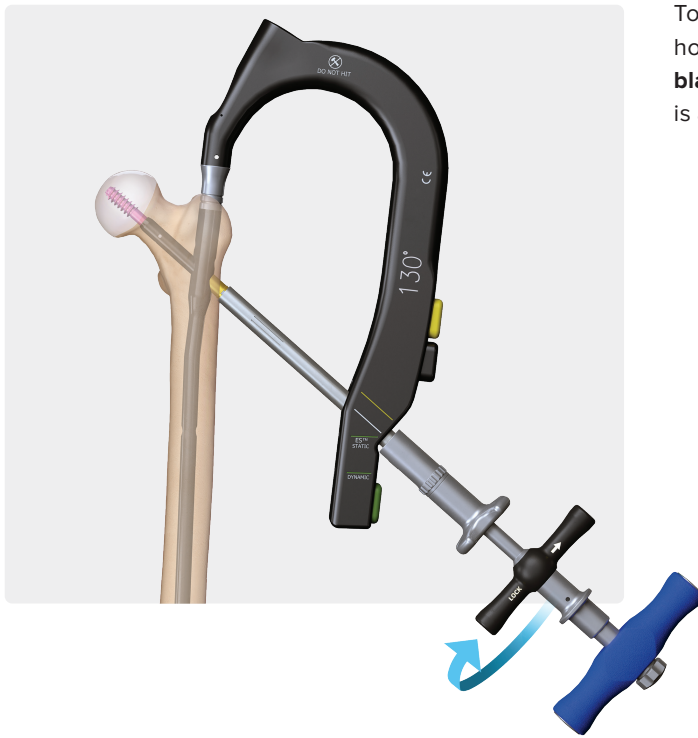


Push the **compression sleeve** towards the targeting arm and rotate clockwise until it makes contact. If intraoperative compression is desired, continue rotating the compression sleeve clockwise until compression is achieved.

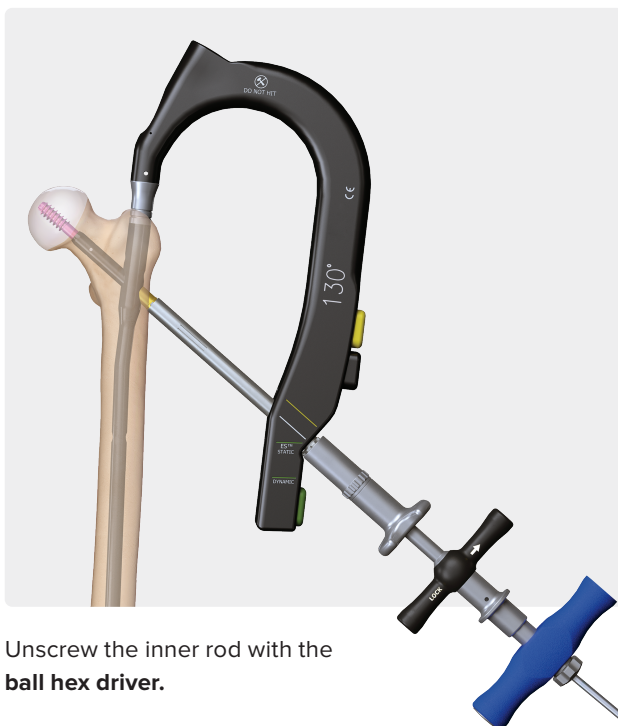


The mechanism will stop advancing and spin in place showing a red line when the lag screw is too lateral and can no longer be locked. If this occurs, the lag screw should be inserted further into the head and the compression knob used again.

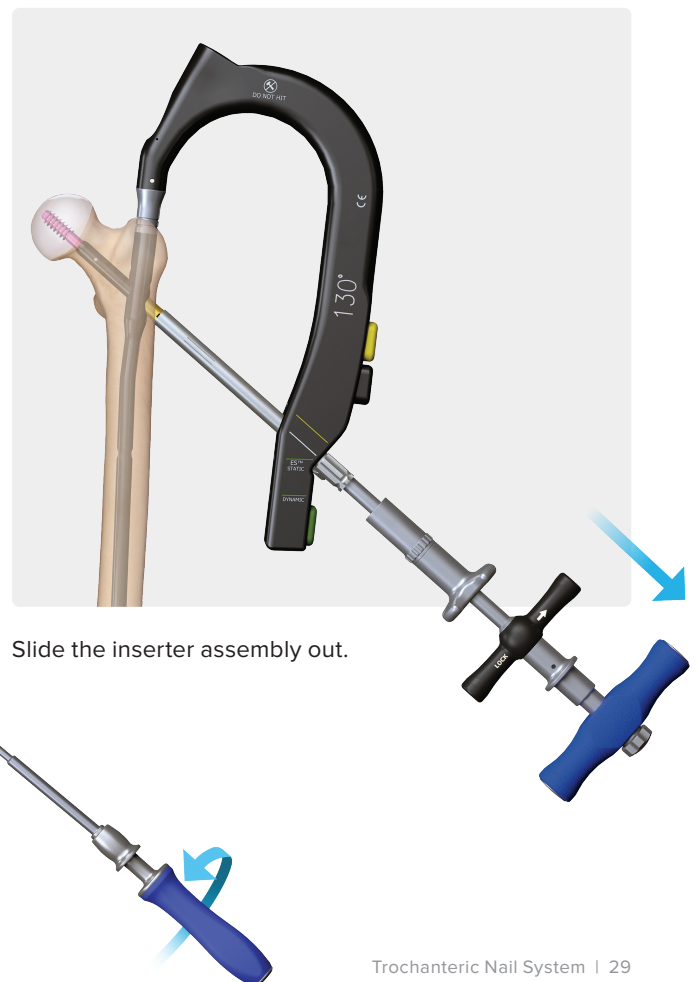
**Note:** If planning for compression, choose a shorter lag screw and countersink the lateral edge of the lag screw prior to the compression step.



To lock the **telescoping or solid locking lag screw**, hold the **blue insertion handle** stationary and turn the **black locking T-handle** clockwise until firm resistance is achieved.



Unscrew the inner rod with the **ball hex driver**.

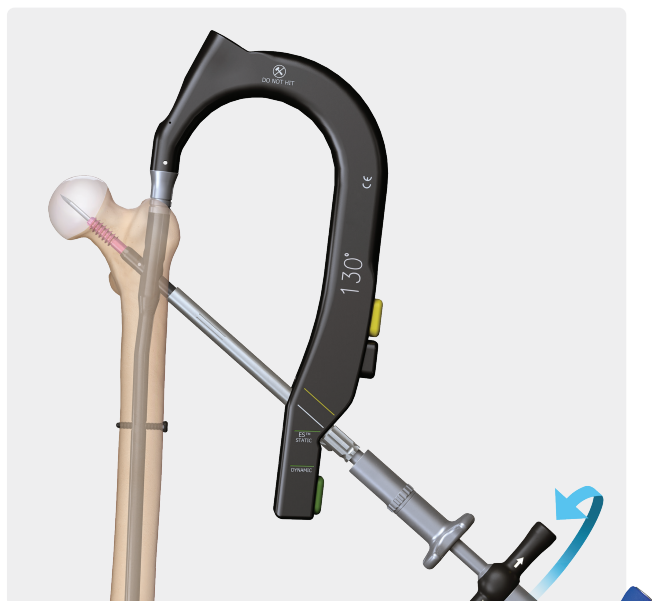


Slide the inserter assembly out.

## Lag Screw Loosening and Removal



While holding the **blue handle** stationary, pull back the collar located between the T-handles and turn the **black lock T-handle** counterclockwise to unlock the screw from the nail.



Once the locking mechanism is disengaged, turn the **black T-handle** counterclockwise until the screw is removed from the bone and nail.

**Note:** Using the blue handle for removal may inadvertently lock the nail.

## Ordering Information

### Trochanteric Nail System

|                                                     |           |             |
|-----------------------------------------------------|-----------|-------------|
| Trochanteric nail, instrument set 1                 | 9914-100S | AR-9095S-01 |
| Trochanteric nail, instrument case 1                | 9914-100  | AR-9095C-01 |
| Trochanteric nail, instrument set 2                 | 9914-200S | AR-9095S-02 |
| Trochanteric nail, instrument case 2                | 9914-200  | AR-9095C-02 |
| Instruments                                         |           |             |
| Obturator, 3.6 mm                                   | 0227-000  | AR-9095-04  |
| Awl T-handle, curved, cannulated, silicone, blue    | 0256-200  | AR-9095-50  |
| Entry reamer, cannulated, large Hudson, 16.5 mm     | 0257-000  | AR-9095-01  |
| Hip screw drill, cannulated, large Hudson, 10.3 mm  | 0258-000  | AR-9095-02  |
| Lag screw tap, cannulated, large Hudson, 10.5 mm    | 0259-000  | AR-9095-03  |
| Adjustable stop assembly                            | 0261-000  | AR-9095-51  |
| Pin guide, soft tissue protector, 3.2 mm            | 0304-100  | AR-9095-10  |
| Pin guide, 3.2 mm                                   | 0312-200  | AR-9095-52  |
| Anti-rotation drill guide, locking assembly, 5.0 mm | 0313-100  | AR-9095-53  |

|                                                                 |          |            |
|-----------------------------------------------------------------|----------|------------|
| Distal drill guide, locking assembly, 4.0 mm                    | 0315-100 | AR-9095-62 |
| Screw driver handle, cannulated, silicone, Hudson               | 0467-100 | AR-9095-25 |
| T-Handle, cannulated, silicone, large Hudson                    | 0468-100 | AR-9095-26 |
| Quick connect, cannulated, silicone, large Hudson female/J-Hall | 0469-100 | AR-9095-27 |
| Hex screw driver, long, large Hudson, 3.5 mm                    | 0471-000 | AR-9095-05 |
| Hex screw driver, cannulated, large Hudson, 5.0 mm              | 0472-000 | AR-9095-06 |
| Ball hex driver, large Hudson, 9/32                             | 0474-000 | AR-9095-07 |
| Hex driver, cannulated, large Hudson, 9/32 in                   | 0475-000 | AR-9095-08 |
| Screw capturing rod, short, for T-handle                        | 0476-000 | AR-9095-23 |
| Screw capturing rod, long, for straight handle                  | 0477-000 | AR-9095-24 |
| Guidewire gripper                                               | 0481-100 | AR-9095-54 |
| Silicone palm handle, 3/16 square quick connect                 | 0486-100 | AR-9095-28 |
| Guide pin depth gauge (legacy)                                  | 0506-000 | AR-9095-13 |
| Lag screw depth gauge                                           |          | AR-9095-73 |

|                                                           |          |              |
|-----------------------------------------------------------|----------|--------------|
| Guidewire depth gauge, modular/<br>trochanteric nail      | 0512-200 | AR-9095-14   |
| Depth gauge, distal                                       | 0514-200 | AR-9095-15   |
| Hook tip depth gauge,<br>trochanteric nail                | 0531-000 | AR-9095-19   |
| Obturator, pin guide, 3.2 mm                              | 0616-000 | AR-9095-09   |
| Lag screw sheath with handle                              | 0617-300 | AR-9095-20   |
| Obturator, anti-rotation drill<br>guide, 5.0 mm           | 0620-000 | AR-9095-11   |
| Anti-rotation and distal<br>sheath, locking               | 0621-100 | AR-9095-16   |
| Obturator, drill guide,<br>distal, 4.0 mm                 | 0622-000 | AR-9095-12   |
| Soft tissue protector, Hudson,<br>quick connect           | 0623-000 | AR-9095-21   |
| Reduction tool                                            | 0804-000 | AR-9095-29   |
| Ball spike                                                | 0817-000 | AR-9095-30   |
| Impactor pad                                              | 0826-000 | AR-9095-31   |
| Extractor bolt                                            | 0828-000 | AR-9095-32S  |
| Lag screw removal tool                                    | 0856-100 | AR-9095-59   |
| Lag screw extraction tool,<br>capturing rod               | 0857-100 | AR-9095-35   |
| Lag screw extraction tool,<br>capturing rod nut           | 0858-200 | AR-9095-36   |
| Radiolucent targeting arm, 125°<br>trochanteric nail      | 1267-100 | AR-9095-60   |
| Radiolucent targeting arm, 130°<br>trochanteric nail      | 1268-100 | AR-9095-61   |
| Locking bolt, radiolucent<br>insertion guide              | 1269-000 | AR-9095-55   |
| Lag screw tap, left, cannulated,<br>large Hudson, 10.5 mm | 4046-000 | AR-9095-38   |
| Lag screw inserter,<br>trochanteric nail                  | 5030-000 | AR-9095-58   |
| Lag screw locking tool                                    | 5031-100 | AR-9095-57   |
| Compression sleeve, lag<br>screw inserter                 | 5032-000 | AR-9095-56   |
| Lag screw capturing rod                                   | 5033-100 | AR-9095-66   |
| Lag screw capturing rod nut                               | 5046-100 | AR-9095-49   |
| Lag screw capturing rod wrench                            | 5048-000 | AR-9095-37   |
| <b>Reamers</b>                                            |          |              |
| Flexible reamer shaft                                     | 0233-000 | AR-9095R-01  |
| Reamer head, 9 mm                                         | 0234-090 | AR-9095R-090 |
| Reamer head, 9.5 mm                                       | 0234-095 | AR-9095R-095 |
| Reamer head, 10 mm                                        | 0234-100 | AR-9095R-100 |
| Reamer head, 10.5 mm                                      | 0234-105 | AR-9095R-105 |
| Reamer head, 11 mm                                        | 0234-110 | AR-9095R-110 |
| Reamer head, 11.5 mm                                      | 0234-115 | AR-9095R-115 |
| Reamer head, 12 mm                                        | 0234-120 | AR-9095R-120 |
| Reamer head, 12.5 mm                                      | 0234-125 | AR-9095R-125 |
| Reamer head, 13 mm                                        | 0234-130 | AR-9095R-130 |
| Reamer head, 13.5 mm                                      | 0234-135 | AR-9095R-135 |
| Reamer head, 14 mm                                        | 0234-140 | AR-9095R-140 |
| Reamer head, 14.5 mm                                      | 0234-145 | AR-9095R-145 |
| Reamer head, 15 mm                                        | 0234-150 | AR-9095R-150 |
| Reamer head, 15.5 mm                                      | 0234-155 | AR-9095R-155 |
| Reamer head, 16.5 mm                                      | 0234-165 | AR-9095R-165 |

|                                                      |                  |                    |
|------------------------------------------------------|------------------|--------------------|
| Monobloc reamer, forward<br>cutting, 8.0 mm (Hudson) | 0251-080         | AR-9095FR-80       |
| <b>Lower extremity reamer case</b>                   | <b>9918-100</b>  | <b>AR-9095C-03</b> |
| <b>Lower extremity reamer case</b>                   | <b>9918-100S</b> | <b>AR-9095S-03</b> |
| <b>Disposables</b>                                   |                  |                    |
| Guide pin, 3.2 mm × 330 mm                           | S0100-000        | AR-9095-40S        |
| Guide pin, 3.2 mm × 381 mm                           | S0100-381        | AR-9095-41S        |
| Step drill, calibrated, 5.0 mm                       | S0209-200        | AR-9095-42S        |
| Drill, AO style, 4.0 mm × 165 mm                     | S0210-200        | AR-9095-43S        |
| Drill, calibrated, AO,<br>4.0 mm × 280 mm            | S0219-100        | AR-9095-44S        |
| Cortical tap, large<br>Hudson, 5.0 mm                | S0260-000        | AR-9095-45S        |
| Activation tool                                      | S0457-000        | AR-9095-46S        |
| Ball nose guidewire, sterile,<br>3.0 mm × 900 mm     | 0101-900S        | AR-9095-39S        |
| Anti-rotation bar, short                             |                  | AR-9095-67S        |
| Anti-rotation bar, long                              |                  | AR-9095-67LS       |
| <b>Short Trochanteric Nails</b>                      |                  |                    |
| Trochanteric nail,<br>9 mm × 20 cm × 125°            | 1029-200         | AR-9094-9-2025     |
| Trochanteric nail,<br>10 mm × 20 cm × 125°           | 1030-200         | AR-9094-10-2025    |
| Trochanteric nail,<br>11 mm × 20 cm × 125°           | 1031-200         | AR-9094-11-2025    |
| Trochanteric nail,<br>12 mm × 20 cm × 125°           | 1032-200         | AR-9094-12-2025    |
| Trochanteric nail,<br>13 mm × 20 cm × 125°           | 1033-200         | AR-9094-13-2025    |
| Trochanteric nail,<br>9 mm × 20 cm × 130°            | 1034-200         | AR-9094-9-2030     |
| Trochanteric nail,<br>10 mm × 20 cm × 130°           | 1040-200         | AR-9094-11-2030    |
| Trochanteric nail,<br>11 mm × 20 cm × 130°           | 1036-200         | AR-9094-13-2030    |
| Trochanteric nail,<br>12 mm × 20 cm × 130°           | 1041-200         | AR-9094-10-2030    |
| Trochanteric nail,<br>13 mm × 20 cm × 130°           | 1037-200         | AR-9094-12-2030    |
| <b>ES Trochanteric Nails</b>                         |                  |                    |
| ES Trochanteric nail, left,<br>10 mm × 30 cm × 125°  | 1020-305         | AR-9094ES-10-3025L |
| ES Trochanteric nail, left,<br>10 mm × 33 cm × 125°  | 1020-335         | AR-9094ES-10-3025L |
| ES Trochanteric nail, left,<br>10 mm × 36 cm × 125°  | 1020-365         | AR-9094ES-10-3625L |
| ES Trochanteric nail, left,<br>10 mm × 39 cm × 125°  | 1020-395         | AR-9094ES-10-3925L |
| ES Trochanteric nail, left,<br>10 mm × 42 cm × 125°  | 1020-425         | AR-9094ES-10-4225L |
| ES Trochanteric nail, left,<br>11 mm × 30 cm × 125°  | 1022-305         | AR-9094ES-11-3025L |
| ES Trochanteric nail, left,<br>11 mm × 33 cm × 125°  | 1022-335         | AR-9094ES-10-3325L |
| ES Trochanteric nail, left,<br>11 mm × 36 cm × 125°  | 1022-365         | AR-9094ES-10-3625L |
| ES Trochanteric nail, left,<br>11 mm × 39 cm × 125°  | 1022-395         | AR-9094ES-10-3925L |
| ES Trochanteric nail, left,<br>11 mm × 42 cm × 125°  | 1022-425         | AR-9094ES-10-4225L |
| ES Trochanteric nail, right,<br>10 mm × 30 cm × 125° | 1021-305         | AR-9094ES-10-3025R |



|                                                       |          |                    |
|-------------------------------------------------------|----------|--------------------|
| ES Trochanteric nail, right,<br>10 mm × 33 cm × 125°  | 1021-335 | AR-9094ES-10-3325R |
| ES Trochanteric nail, right,<br>10 mm × 36 cm × 125°  | 1021-365 | AR-9094ES-10-3625R |
| ES Trochanteric nail, right,<br>10 mm × 39 cm × 125°  | 1021-395 | AR-9094ES-10-3925R |
| ES Trochanteric nail, right,<br>10 mm × 42 cm × 125°  | 1021-425 | AR-9094ES-10-4225R |
| ES Trochanteric nail, right,<br>11 mm × 30 cm × 125°  | 1023-305 | AR-9094ES-11-3025R |
| ES Trochanteric nail, right,<br>11 mm × 33 cm × 125°  | 1023-335 | AR-9094ES-11-3325R |
| ES Trochanteric nail, right,<br>11 mm × 36 cm × 125°  | 1023-365 | AR-9094ES-11-3625R |
| ES Trochanteric nail, right,<br>11 mm × 39 cm × 125°  | 1023-395 | AR-9094ES-11-3925R |
| ES Trochanteric nail, right,<br>11 mm × 42 cm × 125°  | 1023-425 | AR-9094ES-11-4225R |
| ES Trochanteric nail, left,<br>10 mm × 30 cm × 130°   | 1066-305 | AR-9094ES-10-3030L |
| ES Trochanteric nail, left,<br>10 mm × 33 cm × 130°   | 1066-335 | AR-9094ES-10-3330L |
| ES Trochanteric nail, left,<br>10 mm × 36 cm × 130°   | 1066-365 | AR-9094ES-10-3630L |
| ES Trochanteric nail, left,<br>10 mm × 39 cm × 130°   | 1066-395 | AR-9094ES-10-3930L |
| ES Trochanteric nail, left,<br>10 mm × 42 cm × 130°   | 1066-425 | AR-9094ES-10-4230L |
| ES Trochanteric nail, left,<br>11 mm × 30 cm × 130°   | 1058-305 | AR-9094ES-11-3030L |
| ES Trochanteric nail, left,<br>11 mm × 33 cm × 130°   | 1058-335 | AR-9094ES-11-3330L |
| ES Trochanteric nail, left,<br>11 mm × 36 cm × 130°   | 1058-365 | AR-9094ES-11-3630L |
| ES Trochanteric nail, left,<br>11 mm × 39 cm × 130°   | 1058-395 | AR-9094ES-11-3930L |
| ES Trochanteric nail, left,<br>11 mm × 42 cm × 130°   | 1058-425 | AR-9094ES-11-4230L |
| ES Trochanteric nail, right,<br>10 mm × 30 cm × 130°  | 1067-305 | AR-9094ES-10-3030R |
| ES Trochanteric nail, right,<br>10 mm × 33 cm × 130°  | 1067-335 | AR-9094ES-10-3330R |
| ES Trochanteric nail, right,<br>10 mm × 36 cm × 130°  | 1067-365 | AR-9094ES-10-3630R |
| ES Trochanteric nail, right,<br>10 mm × 39 cm × 130°  | 1067-395 | AR-9094ES-10-3030R |
| ES Trochanteric nail, right,<br>10 mm × 42 cm × 130°  | 1067-425 | AR-9094ES-11-3030R |
| ES Trochanteric nail, right,<br>11 mm × 30 cm × 130°  | 1059-305 | AR-9094ES-11-3330R |
| ES Trochanteric nail, right,<br>11 mm × 33 cm × 130°  | 1059-335 | AR-9094ES-11-3630R |
| ES Trochanteric nail, right,<br>11 mm × 36 cm × 130°  | 1059-365 | AR-9094ES-11-3930R |
| ES Trochanteric nail, right,<br>11 mm × 39 cm × 130°  | 1059-395 | AR-9094ES-11-4230R |
| ES Trochanteric nail, right,<br>11 mm × 42 cm × 130°  | 1059-425 | AR-9094ES-10-4230R |
| ES Trochanteric Nails (Special Order)                 |          |                    |
| ES Trochanteric nail, left,<br>12.5 mm × 30 cm × 125° | 1120-305 | AR-9094ES-12-3025L |
| ES Trochanteric nail, left,<br>12.5 mm × 33 cm × 125° | 1120-335 | AR-9094ES-12-3325L |

|                                                        |          |                    |
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| ES Trochanteric nail, left,<br>12.5 mm × 36 cm × 125°  | 1120-365 | AR-9094ES-12-3625L |
| ES Trochanteric nail, left,<br>12.5 mm × 39 cm × 125°  | 1120-395 | AR-9094ES-12-3925L |
| ES Trochanteric nail, left,<br>12.5 mm × 42 cm × 125°  | 1120-425 | AR-9094ES-12-4225L |
| ES Trochanteric nail, right,<br>12.5 mm × 30 cm × 125° | 1121-305 | AR-9094ES-12-3025R |
| ES Trochanteric nail, right,<br>12.5 mm × 33 cm × 125° | 1121-335 | AR-9094ES-12-3325R |
| ES Trochanteric nail, right,<br>12.5 mm × 36 cm × 125° | 1121-365 | AR-9094ES-12-3625R |
| ES Trochanteric nail, right,<br>12.5 mm × 39 cm × 125° | 1121-395 | AR-9094ES-12-3925R |
| ES Trochanteric nail, right,<br>12.5 mm × 42 cm × 125° | 1121-425 | AR-9094ES-12-4225R |
| ES Trochanteric nail, left,<br>12.5 mm × 30 cm × 130°  | 1122-305 | AR-9094ES-12-3030L |
| ES Trochanteric nail, left,<br>12.5 mm × 33 cm × 130°  | 1122-335 | AR-9094ES-14-3030L |
| ES Trochanteric nail, left,<br>12.5 mm × 36 cm × 130°  | 1122-365 | AR-9094ES-14-3330L |
| ES Trochanteric nail, left,<br>12.5 mm × 39 cm × 130°  | 1122-395 | AR-9094ES-14-3630L |
| ES Trochanteric nail, left,<br>12.5 mm × 42 cm × 130°  | 1122-425 | AR-9094ES-14-3930L |
| ES Trochanteric nail, right,<br>12.5 mm × 30 cm × 130° | 1123-305 | AR-9094ES-14-4230L |
| ES Trochanteric nail, right,<br>12.5 mm × 33 cm × 130° | 1123-335 | AR-9094ES-14-3030R |
| ES Trochanteric nail, right,<br>12.5 mm × 36 cm × 130° | 1123-365 | AR-9094ES-14-3330R |
| ES Trochanteric nail, right,<br>12.5 mm × 39 cm × 130° | 1123-395 | AR-9094ES-14-3630R |
| ES Trochanteric nail, right,<br>12.5 mm × 42 cm × 130° | 1123-425 | AR-9094ES-14-3930R |
| ES Trochanteric nail, left,<br>14 mm × 30 cm × 130°    | 1068-305 | AR-9094ES-14-4230R |
| ES Trochanteric nail, left,<br>14 mm × 33 cm × 130°    | 1068-335 | AR-9094ES-12-3330L |
| ES Trochanteric nail, left,<br>14 mm × 36 cm × 130°    | 1068-365 | AR-9094ES-12-3630L |
| ES Trochanteric nail, left,<br>14 mm × 39 cm × 130°    | 1068-395 | AR-9094ES-12-3930L |
| ES Trochanteric nail, left,<br>14 mm × 42 cm × 130°    | 1068-425 | AR-9094ES-12-4230L |
| ES Trochanteric nail, right,<br>14 mm × 30 cm × 130°   | 1069-305 | AR-9094ES-12-3030R |
| ES Trochanteric nail, right,<br>14 mm × 33 cm × 130°   | 1069-335 | AR-9094ES-12-3330R |
| ES Trochanteric nail, right,<br>14 mm × 36 cm × 130°   | 1069-365 | AR-9094ES-12-3630R |
| ES Trochanteric nail, right,<br>14 mm × 39 cm × 130°   | 1069-395 | AR-9094ES-12-3930R |
| ES Trochanteric nail, right,<br>14 mm × 42 cm × 130°   | 1069-425 | AR-9094ES-12-4230R |
| Long Trochanteric Nails                                |          |                    |
| Trochanteric nail, left,<br>10 mm × 30 cm × 125°       | 1020-300 | AR-9094-10-3025L   |
| Trochanteric nail, left,<br>10 mm × 33 cm × 125°       | 1020-330 | AR-9094-10-3325L   |
| Trochanteric nail, left,<br>10 mm × 36 cm × 125°       | 1020-360 | AR-9094-10-3625L   |

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| Trochanteric nail, left,<br>10 mm × 39 cm × 125°  | 1020-390 | AR-9094-10-3925L |
| Trochanteric nail, left,<br>10 mm × 42 cm × 125°  | 1020-420 | AR-9094-10-4225L |
| Trochanteric nail, left,<br>11 mm × 30 cm × 125°  | 1022-300 | AR-9094-10-3025R |
| Trochanteric nail, left,<br>11 mm × 33 cm × 125°  | 1022-330 | AR-9094-10-3325R |
| Trochanteric nail, left,<br>11 mm × 36 cm × 125°  | 1022-360 | AR-9094-10-3625R |
| Trochanteric nail, left,<br>11 mm × 39cm × 125°   | 1022-390 | AR-9094-10-3925R |
| Trochanteric nail, left,<br>11 mm × 42 cm × 125°  | 1022-420 | AR-9094-10-4225R |
| Trochanteric nail, right,<br>10 mm × 30 cm × 125° | 1021-300 | AR-9094-11-3025L |
| Trochanteric nail, right,<br>10 mm × 33 cm × 125° | 1021-330 | AR-9094-11-3325L |
| Trochanteric nail, right,<br>10 mm × 36 cm × 125° | 1021-360 | AR-9094-11-3625L |
| Trochanteric nail, right,<br>10 mm × 39 cm × 125° | 1021-390 | AR-9094-11-3925L |
| Trochanteric nail, right,<br>10 mm × 42 cm × 125° | 1021-420 | AR-9094-11-4225L |
| Trochanteric nail, right,<br>11 mm × 30 cm × 125° | 1023-300 | AR-9094-11-3025R |
| Trochanteric nail, right,<br>11 mm × 33 cm × 125° | 1023-330 | AR-9094-11-3325R |
| Trochanteric nail, right,<br>11 mm × 36 cm × 125° | 1023-360 | AR-9094-11-3625R |
| Trochanteric nail, right,<br>11 mm × 39 cm × 125° | 1023-390 | AR-9094-11-3925R |
| Trochanteric nail, right,<br>11 mm × 42 cm × 125° | 1023-420 | AR-9094-11-4225R |
| Trochanteric nail, left,<br>10 mm × 30 cm × 130°  | 1050-300 | AR-9094-10-3030L |
| Trochanteric nail, left,<br>10 mm × 33 cm × 130°  | 1050-330 | AR-9094-10-3330L |
| Trochanteric nail, left,<br>10 mm × 36 cm × 130°  | 1050-360 | AR-9094-10-3630L |
| Trochanteric nail, left,<br>10 mm × 39 cm × 130°  | 1050-390 | AR-9094-10-3930L |
| Trochanteric nail, left,<br>10 mm × 42 cm × 130°  | 1050-420 | AR-9094-10-4230L |
| Trochanteric nail, left,<br>11 mm × 30 cm × 130°  | 1058-300 | AR-9094-11-3030L |
| Trochanteric nail, left,<br>11 mm × 33 cm × 130°  | 1058-330 | AR-9094-11-3330L |
| Trochanteric nail, left,<br>11 mm × 36 cm × 130°  | 1058-360 | AR-9094-11-3630L |
| Trochanteric nail, left,<br>11 mm × 39 cm × 130°  | 1058-390 | AR-9094-11-3930L |
| Trochanteric nail, left,<br>11 mm × 42 cm × 130°  | 1058-420 | AR-9094-11-4230L |
| Trochanteric nail, right,<br>10 mm × 30 cm × 130° | 1051-300 | AR-9094-10-3030R |
| Trochanteric nail, right,<br>10 mm × 33 cm × 130° | 1051-330 | AR-9094-10-3330R |
| Trochanteric nail, right,<br>10 mm × 36 cm × 130° | 1051-360 | AR-9094-10-3630R |
| Trochanteric nail, right,<br>10 mm × 39 cm × 130° | 1051-390 | AR-9094-10-3930R |
| Trochanteric nail, right,<br>10 mm × 42 cm × 130° | 1051-420 | AR-9094-10-4230R |

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| Trochanteric nail, right,<br>11 mm × 30 cm × 130°   | 1059-300 | AR-9094-11-3030R |
| Trochanteric nail, right,<br>11 mm × 33 cm × 130°   | 1059-330 | AR-9094-11-3330R |
| Trochanteric nail, right,<br>11 mm × 36 cm × 130°   | 1059-360 | AR-9094-11-3630R |
| Trochanteric nail, right,<br>11 mm × 39 cm × 130°   | 1059-390 | AR-9094-11-3930R |
| Trochanteric nail, right,<br>11 mm × 42 cm × 130°   | 1059-420 | AR-9094-11-4230R |
| Long Trochanteric Nails (Special Order)             |          |                  |
| Trochanteric nail, left,<br>12.5 mm × 30 cm × 130°  | 1122-300 | AR-9094-12-3030L |
| Trochanteric nail, left,<br>12.5 mm × 33 cm × 130°  | 1122-330 | AR-9094-12-3330L |
| Trochanteric nail, left,<br>12.5 mm × 36 cm × 130°  | 1122-360 | AR-9094-12-3630L |
| Trochanteric nail, left,<br>12.5 mm × 39 cm × 130°  | 1122-390 | AR-9094-12-3930L |
| Trochanteric nail, left,<br>12.5 mm × 42 cm × 130°  | 1122-420 | AR-9094-12-4230L |
| Trochanteric nail, right,<br>12.5 mm × 30 cm × 130° | 1123-300 | AR-9094-12-3030R |
| Trochanteric nail, right,<br>12.5 mm × 33 cm × 130° | 1123-330 | AR-9094-12-3330R |
| Trochanteric nail, right,<br>12.5 mm × 36 cm × 130° | 1123-360 | AR-9094-12-3630R |
| Trochanteric nail, right,<br>12.5 mm × 39 cm × 130° | 1123-390 | AR-9094-12-3930R |
| Trochanteric nail, right,<br>12.5 mm × 42 cm × 130° | 1123-420 | AR-9094-12-4230R |
| Solid Lag Screws                                    |          |                  |
| Solid locking lag screw,<br>10.5 mm × 70 mm         | 1094-070 | AR-9094-1070     |
| Solid locking lag screw,<br>10.5 mm × 75 mm         | 1094-075 | AR-9094-1075     |
| Solid locking lag screw,<br>10.5 mm × 80 mm         | 1094-080 | AR-9094-1080     |
| Solid locking lag screw,<br>10.5 mm × 85 mm         | 1094-085 | AR-9094-1085     |
| Solid locking lag screw,<br>10.5 mm × 90 mm         | 1094-090 | AR-9094-1090     |
| Solid locking lag screw,<br>10.5 mm × 95 mm         | 1094-095 | AR-9094-1095     |
| Solid locking lag screw,<br>10.5 mm × 100 mm        | 1094-100 | AR-9094-1100     |
| Solid locking lag screw,<br>10.5 mm × 105 mm        | 1094-105 | AR-9094-1105     |
| Solid locking lag screw,<br>10.5 mm × 110 mm        | 1094-110 | AR-9094-1110     |
| Solid locking lag screw,<br>10.5 mm × 115 mm        | 1094-115 | AR-9094-1115     |
| Solid locking lag screw,<br>10.5 mm × 120 mm        | 1094-120 | AR-9094-1120     |
| Telescoping Lag Screws                              |          |                  |
| Telescoping lag screw,<br>10.5 mm × 85 mm           | 1099-085 | AR-9094-085      |
| Telescoping lag screw,<br>10.5 mm × 90 mm           | 1099-090 | AR-9094-090      |
| Telescoping lag screw,<br>10.5 mm × 95 mm           | 1099-095 | AR-9094-095      |
| Telescoping lag screw,<br>10.5 mm × 100 mm          | 1099-100 | AR-9094-100      |

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| Telescoping lag screw,<br>10.5 mm × 105 mm          | 1099-105 | AR-9094-105    |
| Telescoping lag screw,<br>10.5 mm × 110 mm          | 1099-110 | AR-9094-110    |
| Telescoping lag screw,<br>10.5 mm × 115 mm          | 1099-115 | AR-9094-115    |
| Telescoping lag screw,<br>10.5 mm × 120 mm          | 1099-120 | AR-9094-120    |
| Telescoping Lag Screws, left                        |          |                |
| Telescoping lag screw, left,<br>10.5 mm × 85 mm     | 1192-085 | AR-9094-085L   |
| Telescoping lag screw, left,<br>10.5 mm × 90 mm     | 1192-090 | AR-9094-090L   |
| Telescoping lag screw, left,<br>10.5 mm × 95 mm     | 1192-095 | AR-9094-095L   |
| Telescoping lag screw, left,<br>10.5 mm × 100 mm    | 1192-100 | AR-9094-100L   |
| Telescoping lag screw, left,<br>10.5 mm × 105 mm    | 1192-105 | AR-9094-105L   |
| Telescoping lag screw, left,<br>10.5 mm × 110 mm    | 1192-110 | AR-9094-110L   |
| Telescoping lag screw, left,<br>10.5 mm × 115 mm    | 1192-115 | AR-9094-115L   |
| Telescoping lag screw, left,<br>10.5 mm × 120 mm    | 1192-120 | AR-9094-120L   |
| Anti-Rotation Screws                                |          |                |
| Anti-rotation screw, cancellous,<br>5.0 mm × 60 mm  | 8021-060 | AR-9094AR-060  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 65 mm  | 8021-065 | AR-9094AR-065  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 70 mm  | 8021-070 | AR-9094AR-070  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 75 mm  | 8021-075 | AR-9094AR-075  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 80 mm  | 8021-080 | AR-9094AR-080  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 85 mm  | 8021-085 | AR-9094AR-085  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 90 mm  | 8021-090 | AR-9094AR-090  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 95 mm  | 8021-095 | AR-9094AR-095  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 100 mm | 8021-100 | AR-9094AR-100  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 105 mm | 8021-105 | AR-9094AR-105  |
| Anti-rotation screw, cancellous,<br>5.0 mm × 110 mm | 8021-110 | AR-9094AR-110  |
| Distal Screws                                       |          |                |
| Cortical screw, captured,<br>5.0 mm x 24 mm         | 8001-024 | AR-9093-50-024 |
| Cortical screw, captured,<br>5.0 mm x 26 mm         | 8001-026 | AR-9093-50-026 |
| Cortical screw, captured,<br>5.0 mm x 28 mm         | 8001-028 | AR-9093-50-028 |
| Captured cortical screw,<br>5.0 mm × 30 mm          | 8001-030 | AR-9093-50-030 |
| Captured cortical screw,<br>5.0 mm × 32 mm          | 8001-032 | AR-9093-50-032 |
| Captured cortical screw,<br>5.0 mm × 34 mm          | 8001-034 | AR-9093-50-034 |
| Captured cortical screw,<br>5.0 mm × 36 mm          | 8001-036 | AR-9093-50-036 |

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| Captured cortical screw<br>5.0 mm × 38 mm             | 8001-038 | AR-9093-50-038 |
| Captured cortical screw,<br>5.0 mm × 40 mm            | 8001-040 | AR-9093-50-040 |
| Captured cortical screw<br>5.0 mm × 42 mm             | 8001-042 | AR-9093-50-042 |
| Captured cortical screw,<br>5.0 mm × 44 mm            | 8001-044 | AR-9093-50-044 |
| Captured cortical screw,<br>5.0 mm × 46 mm            | 8001-046 | AR-9093-50-046 |
| Captured cortical screw,<br>5.0 mm × 48 mm            | 8001-048 | AR-9093-50-048 |
| Captured cortical screw,<br>5.0 mm × 50 mm            | 8001-050 | AR-9093-50-050 |
| Captured cortical screw,<br>5.0 mm × 55 mm            | 8001-055 | AR-9093-50-055 |
| Captured cortical screw,<br>5.0 mm × 60 mm            | 8001-060 | AR-9093-50-060 |
| 5.0 mm Distal Screws                                  |          |                |
| Captured cortical screw,<br>5.0 mm × 65 mm            | 8001-065 | AR-9093-50-065 |
| Captured cortical screw,<br>5.0 mm × 70 mm            | 8001-070 | AR-9093-50-070 |
| Captured cortical screw,<br>5.0 mm × 75 mm            | 8001-075 | AR-9093-50-075 |
| Captured cortical screw,<br>5.0 mm × 80 mm            | 8001-080 | AR-9093-50-080 |
| Captured cortical screw,<br>5.0 mm × 85 mm            | 8001-085 | AR-9093-50-085 |
| Captured cortical screw,<br>5.0 mm × 90 mm            | 8001-090 | AR-9093-50-090 |
| Captured cortical screw,<br>5.0 mm × 95 mm            | 8001-095 | AR-9093-50-095 |
| Captured cortical screw,<br>5.0 mm × 100 mm           | 8001-100 | AR-9093-50-100 |
| Captured cortical screw,<br>5.0 mm × 105 mm           | 8001-105 | AR-9093-50-105 |
| Captured cortical screw,<br>5.0 mm × 110 mm           | 8001-110 | AR-9093-50-110 |
| End Caps                                              |          |                |
| Captured bullet tip end cap, 1 mm                     | 1047-019 | AR-9094C-01    |
| Captured bullet tip end cap, 5 mm                     | 1047-059 | AR-9094C-05    |
| Captured bullet tip end<br>cap, 10 mm                 | 1047-109 | AR-9094C-10    |
| Locking end cap, captured,<br>Trochanteric Nail, 1 mm | 1048-019 | AR-9094CP-01   |
| Anti-rotation set screw                               | 1085-000 | AR-9094SAR     |
| Biologic Augmentation                                 |          |                |
| Trochanteric Nail<br>Augmentation System              |          | ABS-1094       |
| QuickSet Cement, 5 cc                                 |          | ABS-3005       |
| QuickSet Cement, 8 cc                                 |          | ABS-3008       |
| BoneSync Calcium Phosphate<br>Cement, 3 cc            |          | ABS-3103       |
| BoneSync Calcium Phosphate<br>Cement, 5 cc            |          | ABS-3105       |
| AlloSync Pure Demineralized<br>Bone Matrix, 1 cc      |          | ABS-2010-01    |
| AlloSync Pure Demineralized<br>Bone Matrix, 2.5 cc    |          | ABS-2010-02    |

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