



## Introduction

The LEGION® Revision Knee System provides flexible implant options and advanced instrumentation solutions to help treat complex revision knee arthroplasty. Key elements in revision knee arthroplasty include the restoration of proper limb alignment, achievement of proper prosthetic component position, restoration of knee biomechanics and balanced medial/lateral and flexion/extension gaps. The achievement of these goals will lead to proper patellofemoral mechanics, functional range of motion and optimized patient satisfaction.

### **Contributing Clinicians**

Dennis Brown, MD  
Montgomery Orthopedic Surgeons  
Dayton, OH

George Haidukewych, MD  
Florida Orthopedic Institute  
Tampa, FL

David Jacofsky, MD  
The CORE Institute  
Sun City, AZ

Anthony McPherron, DO  
Specialty Orthopaedics, Inc.  
Plymouth, IN

Matthew Nadaud, MD  
Knoxville Orthopedic Clinic  
Knoxville, TN

# LEGION<sup>◇</sup> Revision Knee System

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## **Nota Bene**

This surgical technique is provided for educational and informational purposes only. Smith & Nephew does not provide medical advice and it is not intended to serve as such. It is the responsibility of the treating physician 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, and product safety information, please refer to the product's label and the Instructions for Use (IFU).

# Preoperative Evaluation

The preoperative evaluation of a failed total knee arthroplasty begins with a complete history and physical examination. Determination of the etiology or failure will also require radiographic evaluation, occasionally the use of nuclear bone scans, the use of laboratory studies and/or aspiration to rule out the possibility of indolent infection. It is imperative that the cause of failure be determined preoperatively in order to help maximize the likelihood of post-operative success.

If bone defects secondary to osteolysis exist pre-operatively then the surgeon performing the procedure must understand the implications of this bone loss as well as techniques required to manage them. CT scans can be a valuable tool in determining structural defects. Gross instability or bone loss in the area of the collateral ligaments may need a stabilized or constrained prosthesis.

Appropriate patella position should be assessed preoperatively and corrective strategies developed, if needed. A need to move the joint line distally can be a common occurrence in Revision TKA, and if known preoperatively, can save time over adjusting the joint line after the trial range of motion. An assessment of the joint line and patella height should be completed preoperatively and/or prior to the removal of any existing components with any necessary corrections noted (Figure A). The noted corrections can then be performed within the initial steps of the surgical technique – distal resection, Anterior/Posterior (A/P) block resections and Femoral Trial.

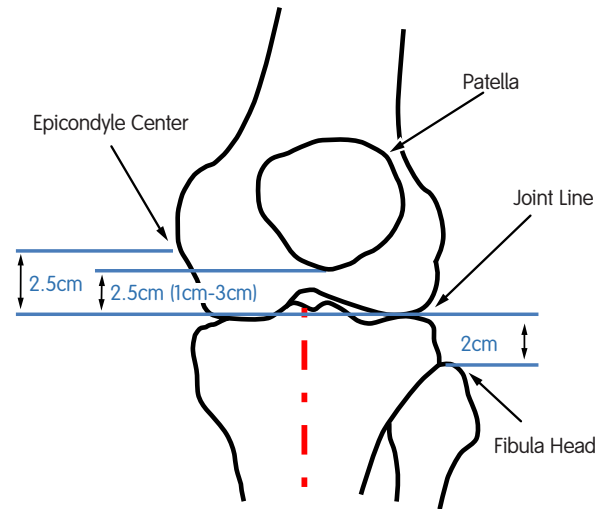


Figure A

# Exposure

Exposure of the revision total knee can be complicated by previous incisions, stiffness or a fibrotic soft tissue envelope. In general, greater exposure is required for a revision total knee arthroplasty as compared with a primary procedure. Proper tissue planes medially and laterally must be elevated and fasciocutaneous flaps must be maintained in order to minimize wound healing complications. In general, a standard medial parapatellar arthrotomy is used when feasible. Excision of scar or dysvascular tissue can facilitate the exposure. Posterior capsular release with posterior mobilization of the neurovascular bundle is sometimes necessary to facilitate exposure of the prosthesis. If infection is encountered, complete excision of reactive tissue, capsule, ligaments

and removal of prosthetic components may be necessary to assure adequate rates of local control. An extensile exposure proximally such as a quadriceps snip, or distally such as a tibial tubercle osteotomy, may be required to achieve adequate exposure.

## Component Removal

After adequate exposure of all components has been achieved, attention is turned to component removal. This is typically achieved through dissection of the interface between the prosthesis and the cement or at the prosthetic/bone interface. Many surgeons prefer to remove the femoral component first in order to improve visualization of the posterior tibial component. A thin, flexible osteotome or a thin oscillating saw may be used to disrupt the prosthetic interface in order to allow removal with minimal bone loss. Alternative techniques include the use of a Midas-Rex burr or a Gigli saw to free this interface. Angled osteotomes may be helpful in freeing the condylar portions of the femoral components. If the interfaces have been adequately freed, minimal force is typically required to remove the femoral component. Excessive force to remove the component may lead to femoral fracture. Removal of the tibial component is then carried out in a similar manner. Occasionally, exposure of the lateral side may be more difficult, and the use of a small capsular incision about the lateral aspect of the joint may be required to gain access to the posterolateral aspect of the tibial component. If disruption of the interface at the level of the plateau does not allow for easy implant removal, a cortical window may be made in the metadiaphysis of the tibia to allow a bone tamp access to the keel of the prosthesis. As bone cement fails most easily in tension, a controlled, well-placed blow will often dislodge the tibial component. If the patellar button is securely fixed, well-positioned and does not show excessive wear then it may be left and protected for the remainder of the case. If the patellar button must be revised, removal is most easily performed with a sagittal saw at the cement interface. Remaining cement and polyethylene plugs from the component may then be removed with a small, high-speed burr. Great care must be taken during this stage of the procedure in order to ensure adequate patellar bone stock remains for revision component placement so that fracture is prevented. Once components have been removed, the remaining cement can then be removed with curettes, rongeurs or cement osteotomes. The wounds can be irrigated with a water pick to remove loose debris and attention can then be turned to the reconstructive portion of the procedure.

# Tibial Preparation

## Ream

1. Drill a pilot hole with the 9.5mm intramedullary drill, if necessary.
2. Ream the canal until cortical contact is achieved using progressively larger diameter reamers (*Figure 1*).
3. Choose between the two methods of instrument stabilization:
  - A. Last Reamer: Leave the last reamer in the tibial canal.
  - B. Trial Stem Connection Rod Assembly:
    - Remove the last reamer, making note of the depth and diameter (*Figure 2*).
    - Attach the Trial Stem Connection Rod to the appropriate diameter trial stem and insert the Trial Stem Connection Rod Assembly into the tibial canal.

*Tip: Long stems are offered in 120, 160, 220mm Straight; 220 and 280mm Bowed. Markings of depth length are laser marked on the reamers.*

*Tip: The cutting flutes on the press-fit stems are 1mm larger in diameter than the reamers.*

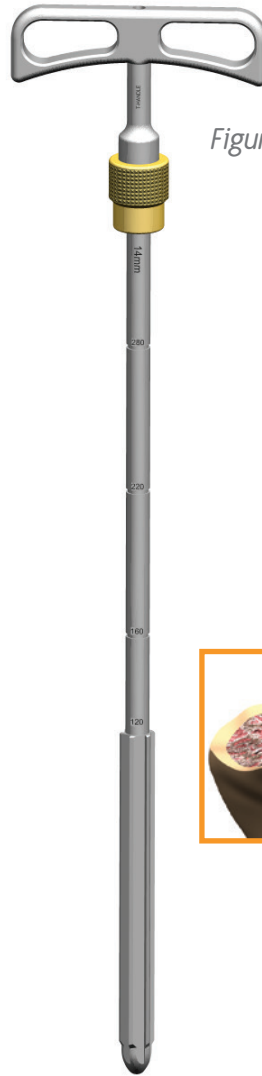


Figure 1

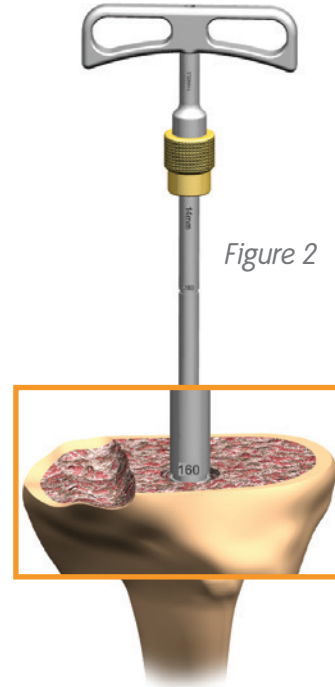
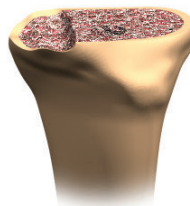
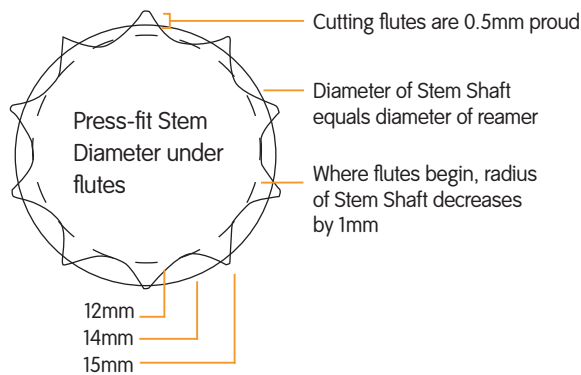


Figure 2



### Press-fit Stem: Example Dimensions (size 14mm Stem)

Diameter of largest reamer.....	14mm
Diameter of unfluted region of Stem Shaft .....	14mm
Stem Shaft diameter where flutes begin .....	12mm
Diameter of cutting flutes .....	15mm

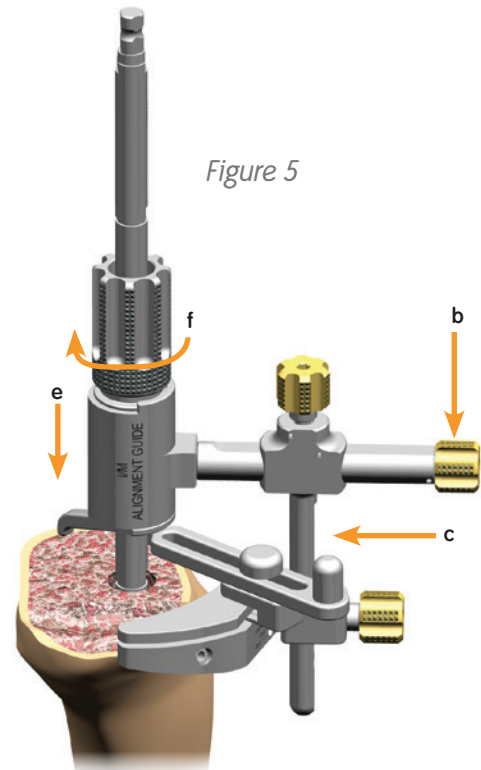
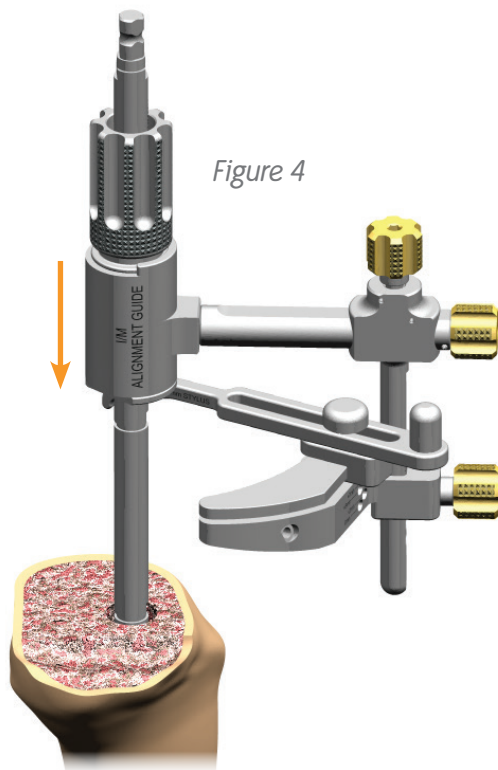
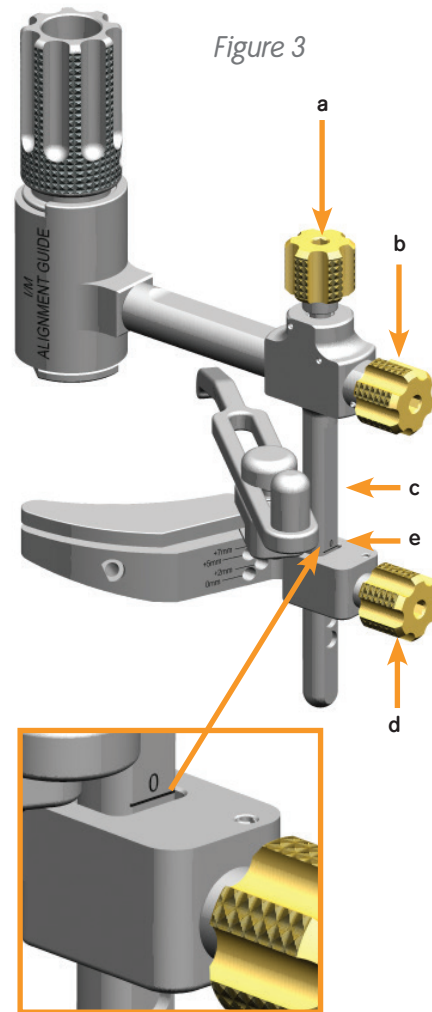
## Tibial Intramedullary (IM) Alignment Guide

### Tibial IM Instrument Assembly:

Ensure the horizontal alignment bar knob (Figure 3b) is in the locked position. Slide the cutting block onto the vertical alignment bar (Figure 3c), position at the 0mm mark and tighten the tibial cutting block thumbscrew (Figure 3d).

Note: "0mm" line will be fully visible.

1. Attach the 1mm Stylus to the slot capture of the Tibial Cutting Block by inserting the stylus foot into the cutting slot.
2. Slide the Tibial IM Assembly onto the Reamer (or Trial Stem Connection Rod Assembly) (Figure 4).
3. Adjust the vertical alignment bar towards the anterior tibia and lock in position (Figure 5c). Lower the IM assembly so that the 1mm stylus touches the least affected side of the tibial plateau (Figure 5e) and tighten the IM Collet in position (Figure 5f).
4. With the IM guide secured to the reamer shaft (or Trial Stem Connection Rod) by the tightened collet, the tibial cutting block can be rotated around the anterior tibia for optimum access by loosening the thumbscrew (Figure 5b).



## Tibial Preparation *continued*

### Tibial Resection

Note: Ensure that the IM assembly is in the locked position by inserting a 3.5mm hex screwdriver into the female end of the thumbscrews (Figure 6a, b, d), turning clockwise until tight.

1. Pin the tibial cutting block to the tibia by inserting pins first through the central holes in the 0mm position, then the oblique hole (Figure 6).

Tip: Using headless pins through the central holes marked 0mm will allow the block to be shifted to +2, +5 or +7mm should additional resection be needed.

2. Remove the stylus.
3. Using a 1.35mm oscillating sawblade, resect the proximal tibia (Figure 7).

Tip: The LEGION® revision tibial tray has a 0° posterior slope. Rotational alignment is not a factor when making the tibial resection.

4. Remove the pins and loosen the IM collet. Remove the IM assembly, leaving the reamer (or trial stem connection rod assembly) in the tibial canal.

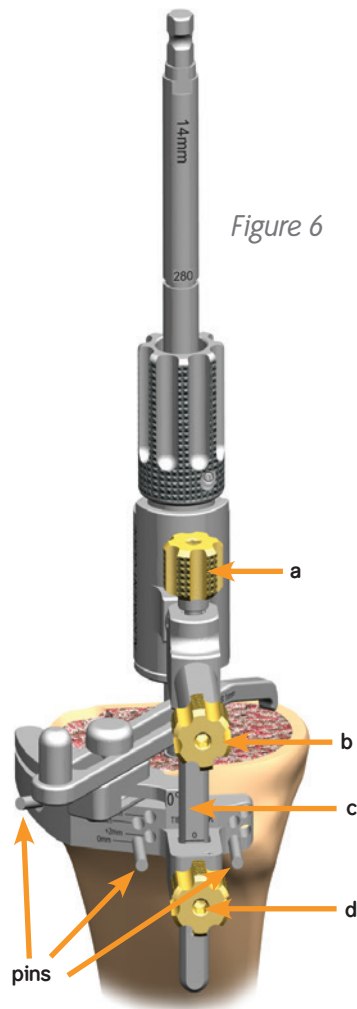


Figure 6

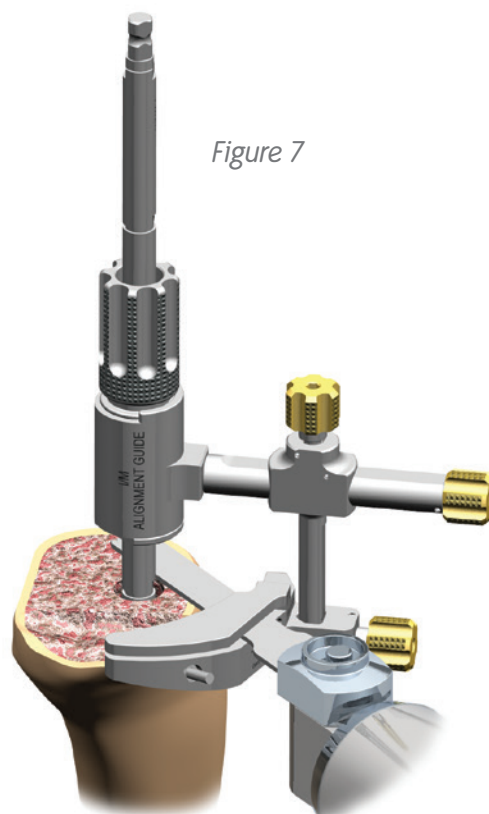


Figure 7



# Non-Offset Tibial Sizing and Placement

## Sizing and Placement

1. Assess the A/P and mediolateral (M/L) size of the resected proximal tibia with the Tibial Drill Guides and select the proper size.

### Tibial Drill Guide/Neutral Bushing Instrument Assembly:

Insert the Tibial Neutral Bushing into the appropriate sized Tibial Drill Guide. Push in until fully seated.

2. Place the Tibial Drill Guide/Neutral Bushing Assembly over the reamer (or Trial Stem Connection Rod Assembly) and assess the A/P and M/L position and rotation to ensure adequate tibial coverage. (If adequate coverage is not achieved, proceed to Offset Tibial Sizing and Placement, page 11).
3. Using headless pins, pin the Tibial Drill Guide to the proximal tibia (*Figure 8*).

### Preparation of the Female Taper Counterbore

4. Remove the Neutral Bushing and reamer (or Trial Stem Connection Rod Assembly).

*Tip: If needed, the Revision T-Handle can be used to remove fixed reamers or in case the trial stem becomes well-fixed within the canal, the universal extractor can be attached to the end of the trial stem connection rod to aid in removal.*

5. Insert the Tibial Counterbore Guide Bushing into the Tibial Drill Guide (*Figure 9*).

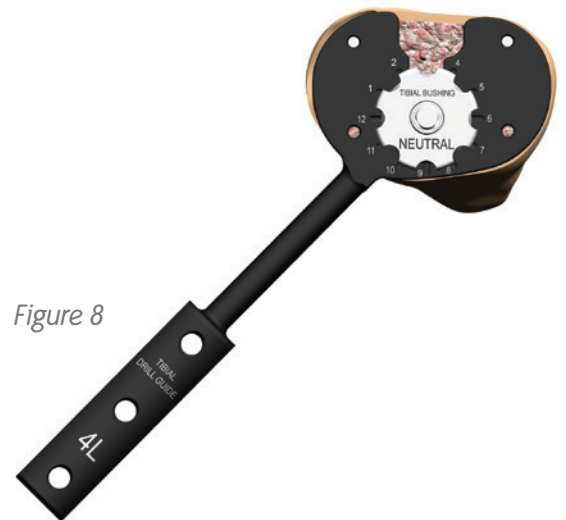


Figure 8

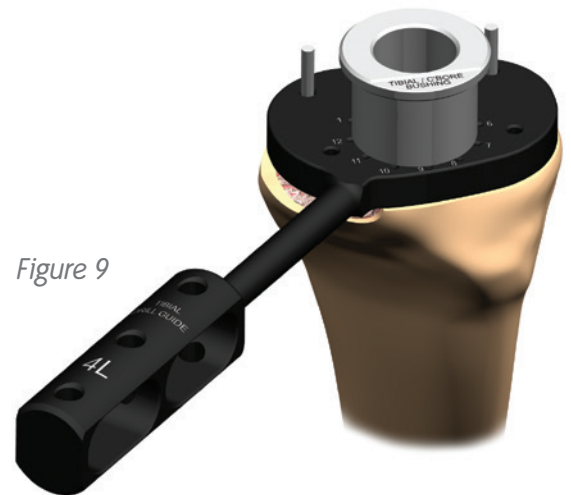


Figure 9

## Tibial Preparation *continued*

### Counterbore Reamer Instrument Assembly:

Depress the button on the Counterbore Depth Stop and slide the depth stop over the reamer with the "IM CANAL" marking towards the cutting end of the reamer. Then attach to the power drill. Position the depth guide to the "TIBIA" marking (*Figure 10*).

6. Insert the Counterbore Reamer Assembly into the guide bushing and ream until the depth stop makes contact with the guide bushing (*Figure 11*).

7. Remove pins and drill guide.

### Tibial Trial Preparation

#### Tibial Trial/Trial Stem Instrument Assembly:

Align the laser mark on the J-hook of the trial stem to the laser mark on the posterior side of the distal face of the female tibial trial taper (*Figure 12*). Push in the trial stem and make a quarter-turn to engage the J-hooks.

8. Insert the Tibial Trial/Trial Stem Assembly into the tibial canal (*Figure 13*).

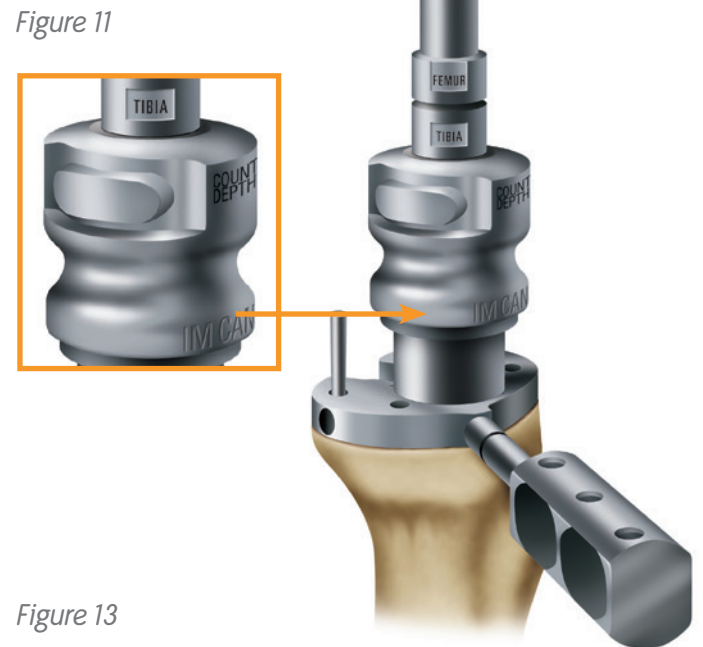
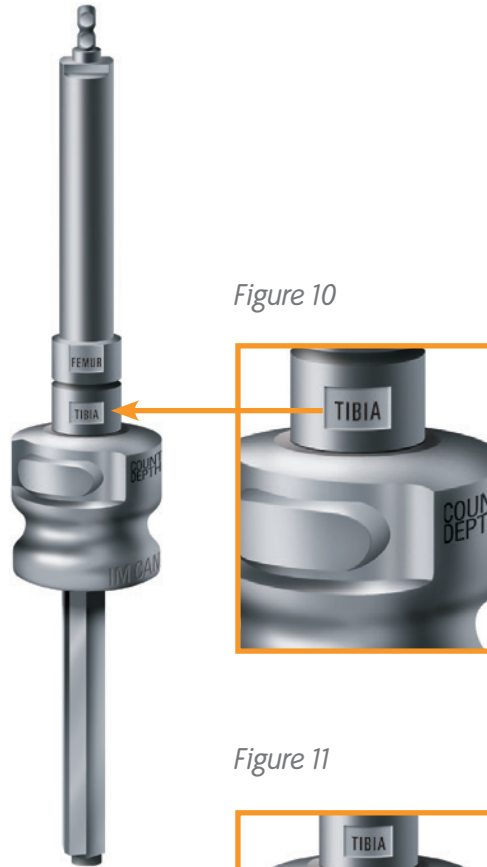


Figure 12

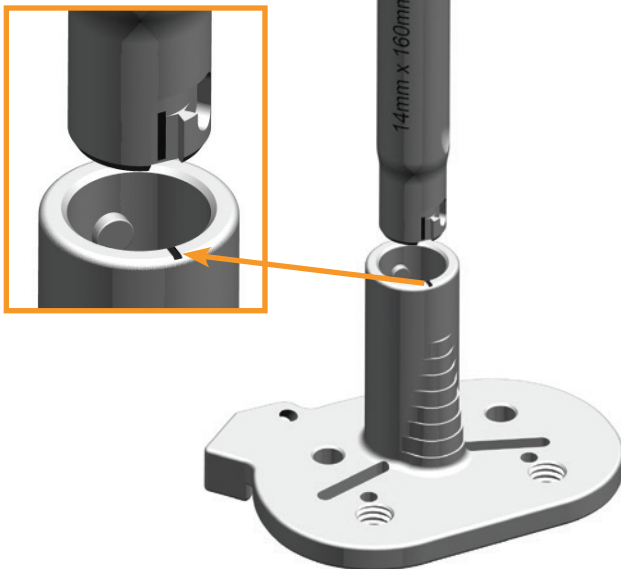
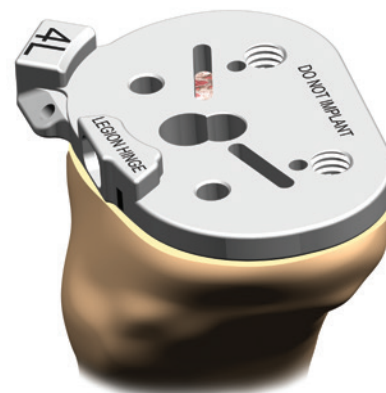


Figure 13



# Offset Tibial Sizing and Placement

## Sizing and Placement

1. If adequate tibial coverage is not achieved with the Neutral Tibial Bushing Assembly (Figure 14), remove the assembly from the tibial plateau.

### Tibial Offset Bushing Instrument Assembly:

Estimate the amount of offset required (Figure 14a) and insert the 2mm, 4mm or 6mm Tibial Offset Bushing Instrument Assembly into the appropriate sized Tibial Drill Guide. In this surgical technique a 4mm offset is used.

2. Replace the Tibial Offset Bushing Assembly over the reamer (Figure 15).
3. Rotate the tibial offset bushing about the tibia until proper tibial coverage is achieved (Figure 16).
4. Using headless pins, pin the tibial drill guide to the proximal tibia (Figure 17).
5. Make note of the location of the arrow marking on the offset bushing to the number on the tibial drill guide (Figure 17a). This number references the position (location) of the Offset Coupler Trial/Implant when connected to the Trial Stem/implant and will be used during the assembly of the trials.

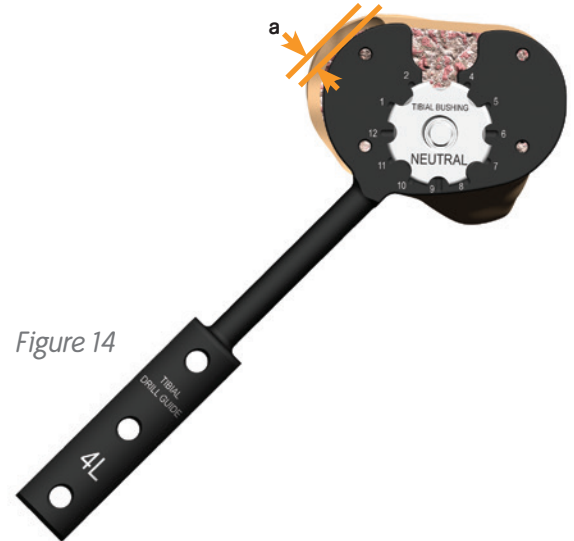


Figure 14

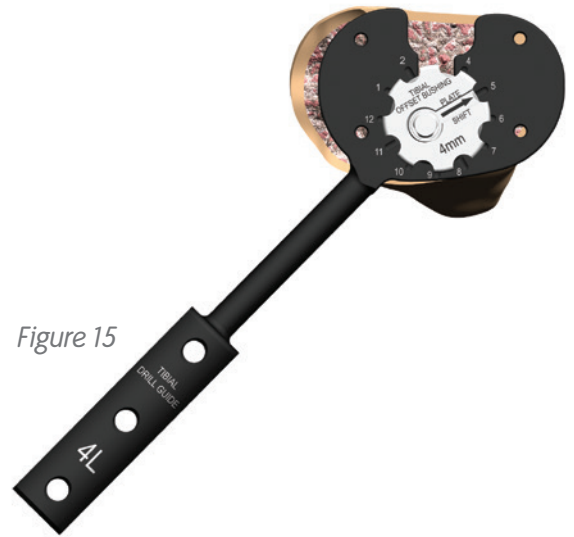


Figure 15



Figure 16

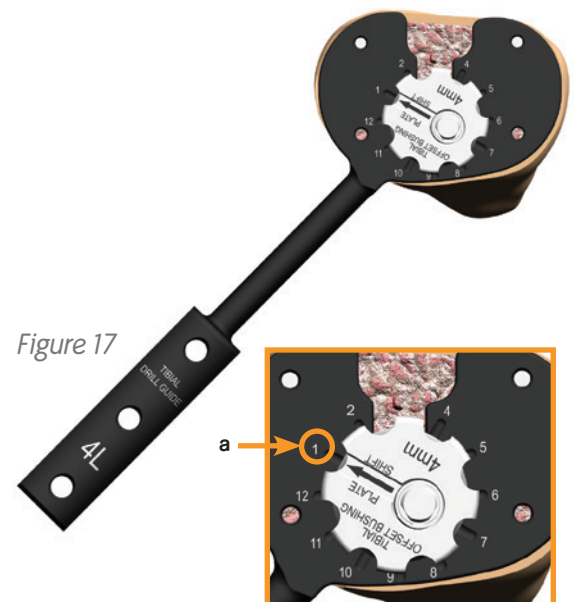


Figure 17

## Offset Tibial Sizing and Placement *continued*

### Preparation of the Female Taper Counterbore

6. Leaving the pins in place, remove the offset bushing assembly from the tibial plateau, then remove the reamer (or trial stem connection rod assembly).

#### **Tibial Counterbore Guide Bushing Assembly:**

Insert the tibial counterbore guide bushing into the appropriate sized tibial drill guide.

7. Replace the tibial counterbore guide bushing assembly over the pins (*Figure 18*).

#### **Counterbore Reamer Instrument Assembly:**

Depress the button on the Counterbore Depth Stop and slide the depth stop over the reamer with the "IM CANAL" marking towards the cutting end of the reamer. Then attach to the power drill. Position the depth guide to the "TIBIA" marking (*Figure 19*).

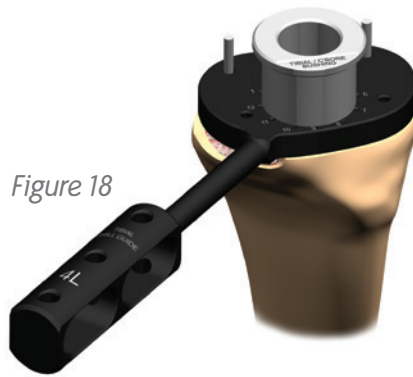


Figure 18

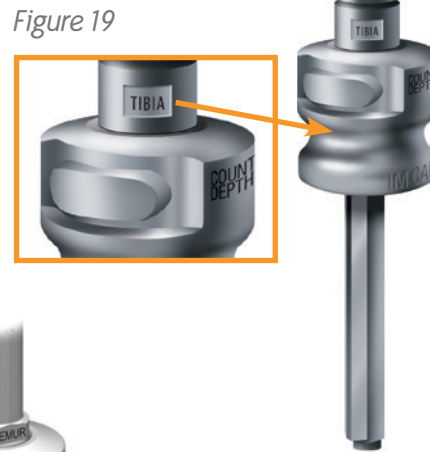


Figure 19

Caution should be used in smaller tibias, especially if the use of an Offset Coupler is intended one might consider using Male-Male couplers (See: "Male-Male Offset coupler" Surgical Technique Addendum).

8. Insert the Counterbore Reamer Assembly into the guide bushing and ream until the depth stop makes contact with the guide bushing (*Figure 20*). Remove the Counterbore Reamer Assembly.
9. Remove the Tibial Counterbore Guide Bushing Assembly and pins from the tibial plateau.

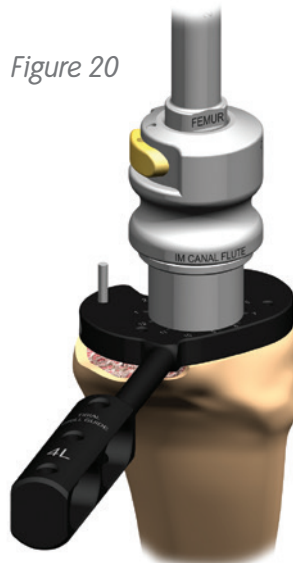


Figure 20

### Preparation of the Offset Coupler Counterbore

#### **Trial Stem Guide Assembly:**

Attach the 120mm length trial stem, using the diameter of the last reamer used, to the Trial Stem Connection Rod.

10. Insert the Trial Stem Guide Assembly into the tibial canal (*Figure 21*).
11. Place the Counterbore Reamer Assembly, still positioned at the "TIBIA" marking, over the Trial Stem Guide Assembly and ream until the depth stop contacts the tibial plateau (*Figure 22*).

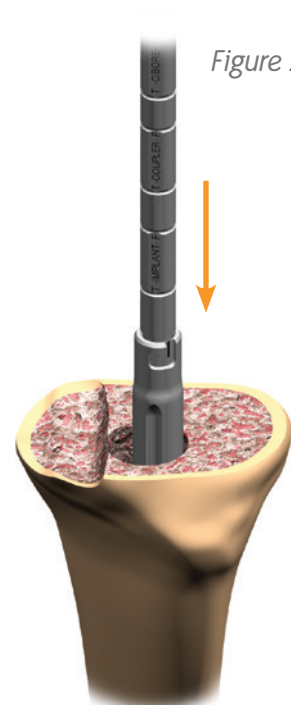


Figure 21

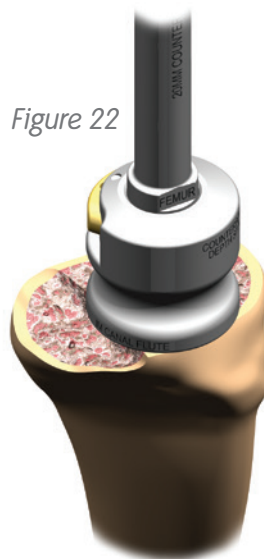


Figure 22

Caution should be used in smaller tibias.

## Tibial Trial Preparation

Note: Ensure the offset coupler trial is in the locked position. If not, insert a 3.5mm hex screwdriver in the male end of the coupler turning clockwise until tight.

**Tibial Trial/Coupler/Stem Instrument Assembly:**  
Align the laser mark on the male end of the offset coupler J-hook with the line mark on the posterior side of the distal face of the female tibial trial taper. Push in the Offset Coupler trial and turn Coupler a quarter-turn clockwise to engage J-hook. Align the male end of the Trial Stem J-hook to the female end of the Offset Coupler. Push in the Trial Stem and make a quarter-turn clockwise to engage the J-hook (Figure 23).

Tip: If difficulty is experienced with J-hook assembly, rotate stem or coupler 180° and retry. If laser mark lines are not aligned, the connection cannot be inserted fully.

1. Insert the 3.5mm hex screwdriver into the proximal end of the tibial trial until the screwdriver is engaged with the hex connection of the coupler trial (Figure 24). Unlock the coupler trial by turning the hex screwdriver counterclockwise.
2. Adjust the coupler to the predetermined position (obtained previously in the Sizing and Placement section, page 11) by aligning the correct clock position on the offset coupler trial to the line marking on the tibial trial (Figure 25). (In this case, a 7 o'clock position was used.)
3. Once positioned, turn the hex screwdriver clockwise to lock the predetermined offset into position.
4. Insert the tibial trial/offset coupler trial/stem trial assembly into the tibial canal (Figure 26).
5. Assess the preliminary A/P and M/L position of the tibial trial tray. Final rotation of the tibial trial tray will be determined from the femoral trial and constrained tibial trial insert.

Tip: If minor changes to Tibial Trial Tray orientation are desired, loosen the Hex Screw of the Offset Coupler Trial (Figure 24) and move the tray where desired. Lock the Hex Screw and note the final clock position after removing the Trial Assembly.

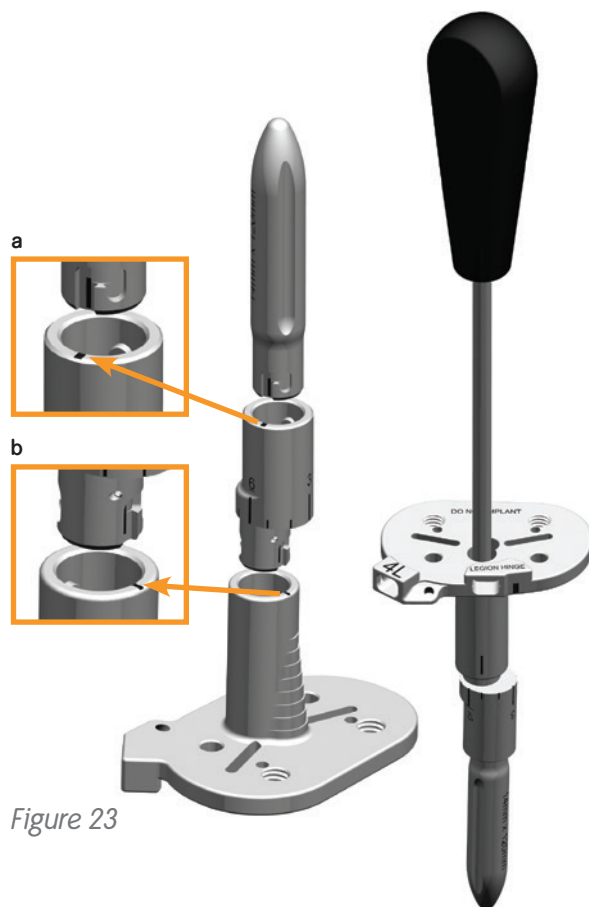


Figure 23

Figure 24

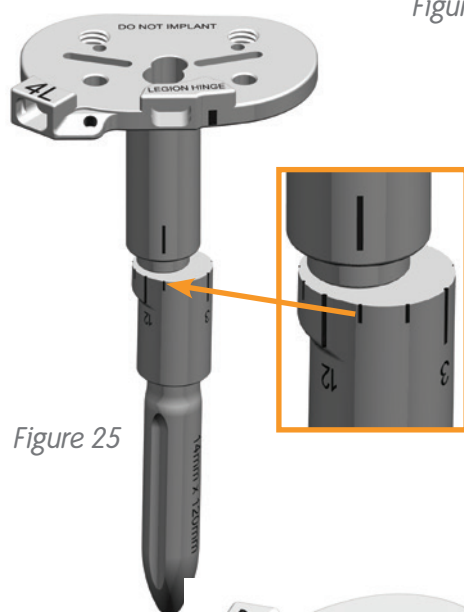


Figure 25

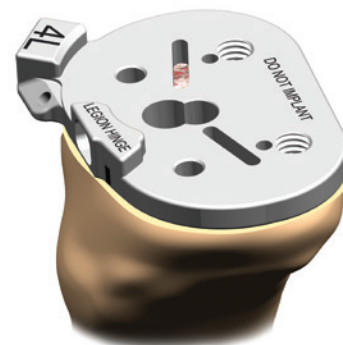


Figure 26

# Femoral Preparation

## Ream

1. Drill a pilot hole with the 9.5mm intramedullary drill, if necessary.

2. Ream the canal until cortical contact is achieved using progressively larger diameter reamers (Figure 27).

**Note:** The Offset Coupler adds 30mm to the stem length; therefore an additional 30mm depth is needed when using an Offset Coupler.

3. Choose between the two methods of instrument stabilization:

A. Last Reamer: Leave the last reamer used in the femoral canal.

B. Trial Stem Connection Rod Assembly:

- Remove the last reamer, making note of the depth and diameter (Figure 28).
- Attach the Trial Stem Connection Rod to the appropriate diameter trial stem and insert the Trial Stem Connection Rod Assembly into the femoral canal.

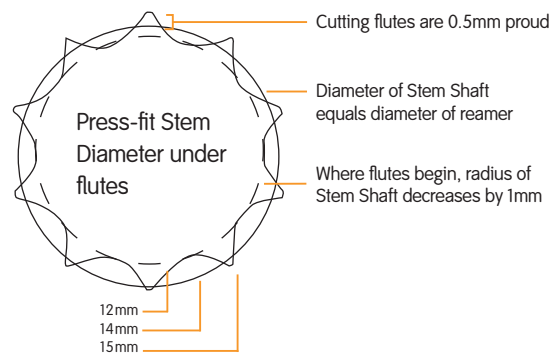
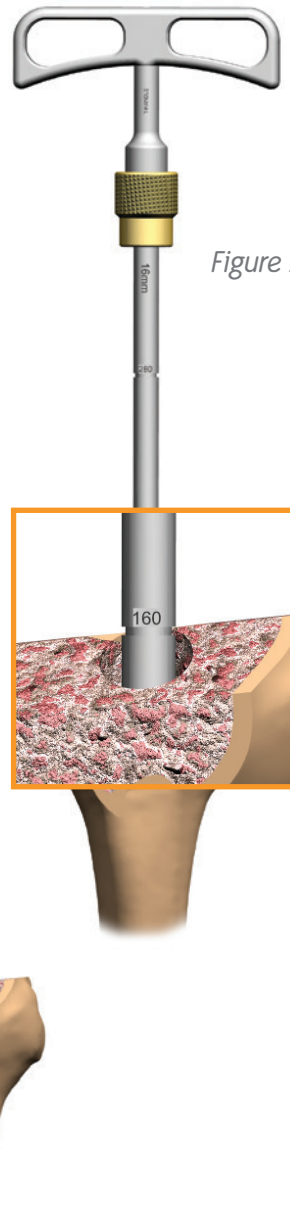
**Tip:** Long stems are offered in 120, 160, and 220mm Straight; and 220 and 280mm Bowed. Markings of depth lengths are laser marked on the reamers.

**Tip:** The cutting flutes on the press-fit stems are 1mm larger in diameter than the reamers.

Figure 27



Figure 28



Press-fit Stem: Example Dimensions (size 14mm Stem)	
Diameter of largest reamer.....	14mm
Diameter of unfluted region of Stem Shaft .....	14mm
Stem Shaft diameter where flutes begin .....	12mm
Diameter of cutting flutes .....	15mm

### Assess Femoral A/P Size and Stem Offset Position

1. Slide the Offset Indicator (pointing medially) over the last reamer or trial stem connection rod assembly (Figure 29).
2. Position the A/P sizing plate relative to the anterior cortex of the femur and adjacent to the offset indicator (Figure 30).
3. Assess proper A/P size.

*Tip: In addition to the indicator marks for determining the preliminary offset needed, the A/P Sizing Plate has indicator marks located on the sides of the plate to assess distal and posterior wedge resections.*

4. Once the A/P size is determined, assess A/P position relative to the reamer position using the Offset Indicator. Rotate Offset Indicator parallel to the epicondylar axis and make note of the Offset Indicator stylus position relative to the offset markings on the medial face of the A/P sizing plate.
5. Remove Offset Indicator and A/P sizing plate.

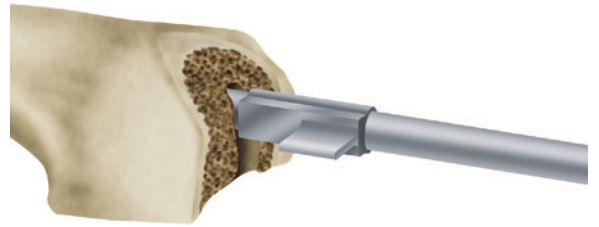


Figure 29

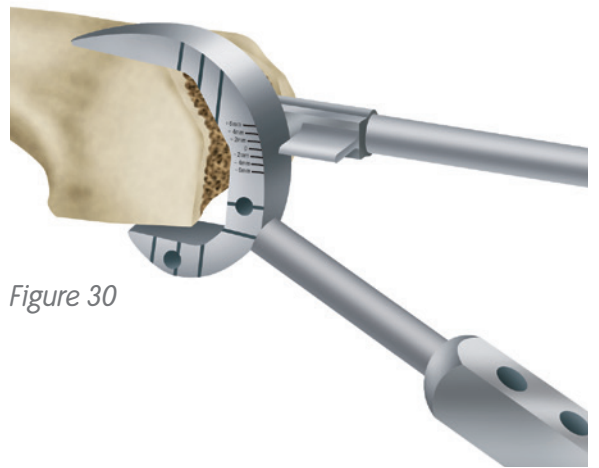
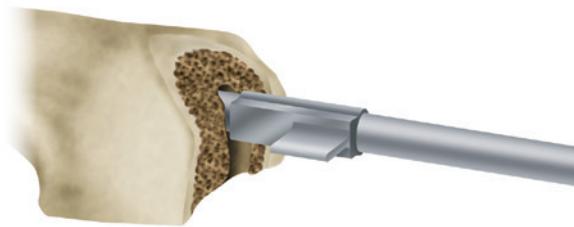


Figure 30

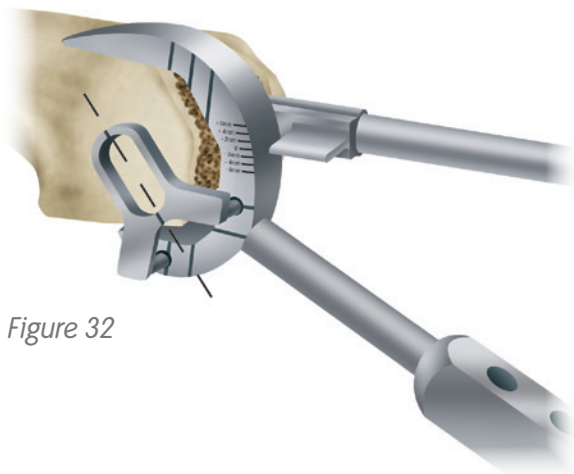
## Femoral Preparation *continued*

### Option: Epicondylar Axis Target – Anatomic Assessment of Offset Using Epicondyles

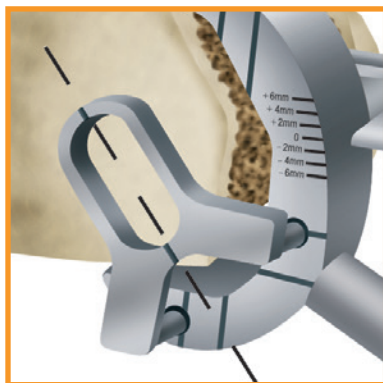
1. Place Offset Indicator (pointing medially) on the reamer (*Figure 31*).
2. Position the A/P sizing plate relative to the anterior cortex of the femur and adjacent to the offset indicator.
3. Align the center of the epicondyles along the line markings of the Epicondylar Axis Target (*Figure 32*). It is not necessary to have the center of the epicondyles within the open space of the target axis. Vary the A/P sizing plates and distal augment estimates until epicondyles align with the Epicondylar Axis Target. The goal is to restore the desired joint line positioning.
4. Once a desired position of the A/P sizing plate, relative to the femoral epicondyles, is achieved, the distal and posterior wedge assessments can be made by referencing the wedge resection level marks on the A/P Femoral Sizing Plate.
5. Retain position of the A/P sizing plate and make note of the offset indicator position (*Figure 33*), relative to the indicator marking on the medial face of the A/P sizing plate. This will give a rough estimate of offset needed.



*Figure 31*



*Figure 32*



*Figure 33*





# Femoral Preparation *continued*

## Distal Femoral Resection(s)

### Valgus Guide Instrument Assembly:

Attach the size 3-8 neutral 6° valgus collet to the valgus alignment guide and ensure that the “LATERAL” notation (Figure 37b) on the collet is correctly positioned for a left or right knee. Slide the distal cutting block on the post of the valgus guide (Figure 36).

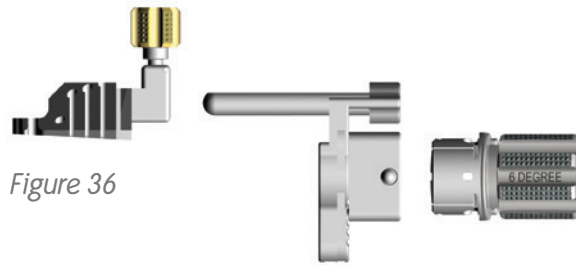


Figure 36

1. Slide the valgus guide assembly over the shaft of the reamer (or Trial Stem Connection Rod Assembly) and flush with the distal femur (Figure 37).
2. Tighten the valgus collet to the reamer (Figure 37a).

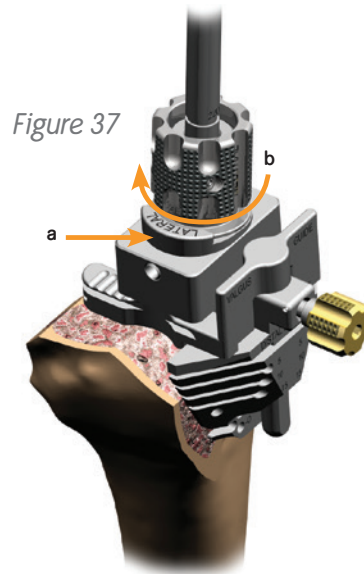


Figure 37

*Tip: The distal cutting block is designed for a 1.5mm “clean-up” cut, 5, 10 or 15mm wedge cut.*

*Option: Attach the 1mm stylus to the distal cutting block by inserting the stylus foot into the distal slot and position the stylus tip on the least affected side (Figure 38).*

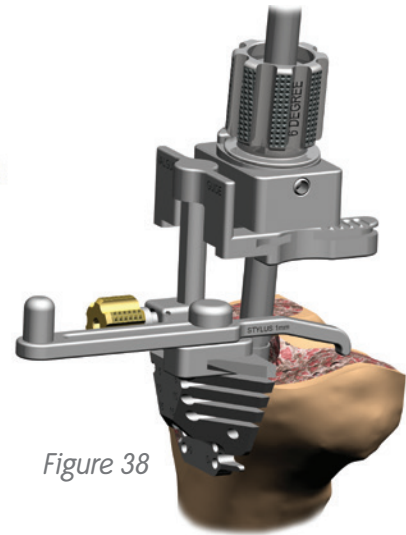


Figure 38

3. Pin the distal cutting block, using at least one oblique pin, and resect the distal femur (Figure 39).

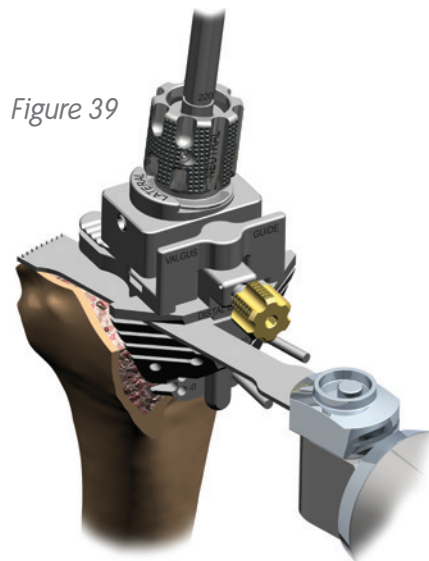


Figure 39

### Distal Femoral Wedge Resection(s):

*Note: Joint line/patella height corrections noted preoperatively should be assessed for any proximal/distal (augment/resection) adjustments. Note any augment variations for use on the femoral A/P Cutting Block and Femoral Trial.*

1. If needed, resect the appropriate distal femoral wedges through the distal cutting block (Figure 40).
2. Remove the pins, loosen the valgus guide collet, and remove the guide assembly from the reamer.

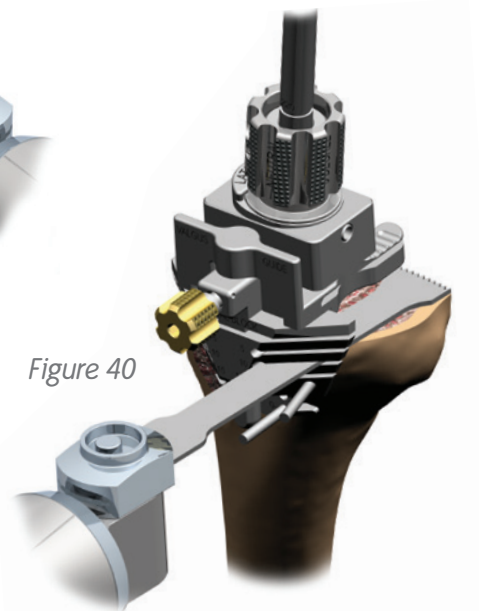


Figure 40

# Non Offset Femoral Sizing and Placement

## A/P Femoral Resections/Posterior Wedge Resection(s)

Note: Joint line/patella height corrections noted preoperatively and at the Distal femoral resection step should be accounted for in the A/P Hemi Distal Shim(s) selection (augment variations).

1. Attach the appropriate A/P Hemi Distal Shims, matching the size of the distal wedge resections, to the posterior aspect of the A/P Cutting Block (Figure 41).

### Neutral Femoral Resection Instrument Assembly:

Attach the neutral 6° valgus collet to the selected A/P femoral cutting block ensuring that the "LATERAL" notation on the collet is correctly positioned for a left or right knee (Figure 42).

2. Slide the Neutral Femoral Resection Assembly over the shaft of the Reamer (or Trial Stem Connection Rod Assembly) until flush with the distal femur (Figure 43).

Note: Quick-connect handles may be used to assist in setting rotation.

3. Assess the A/P and M/L position ensuring rotation of the A/P cutting block is aligned with the epicondylar axis. (If appropriate position is not achieved, proceed to Offset Femoral Sizing and Placement, page 22.)

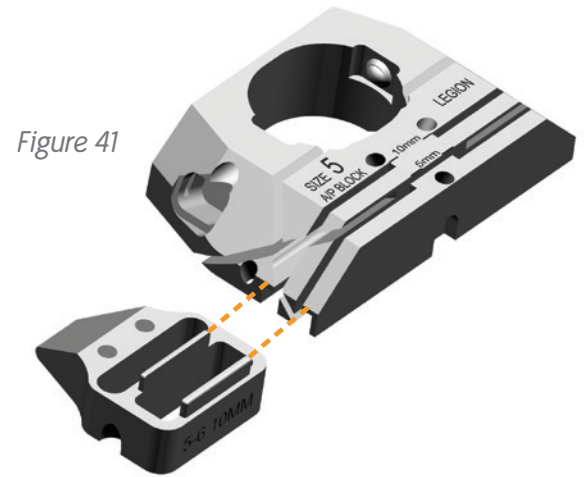


Figure 41



Figure 42



Figure 43

## Non Offset Femoral Sizing and Placement *continued*

Note: Quick-connect handles may be left in the A/P cutting block while resections are made. This page shows the handles removed for visual clarity.

4. Tighten the neutral 6° valgus collet to the reamer shaft (or Trial Stem Connection Rod Assembly). Pin the A/P cutting block to the distal femur through the central hole and secure with oblique pin(s) through the side of the A/P cutting block and distal shims (Figure 44).

Note: To secure distal shims, oblique pins must be used (Figure 44a).

5. Resect the anterior femur above the anterior surface of the A/P cutting block (Figure 45).
6. Resect the posterior condyles under the posterior surface of the A/P cutting block (Figure 46).

7. If wedges are needed to fill bony defects, two more slots are available for 5 or 10mm posterior wedge cuts.

8. Resect the posterior chamfer (Figure 48).

Note: Posterior chamfer cuts are not needed if distal or posterior wedge cuts are made.

9. Resect the anterior chamfer (Figure 47).

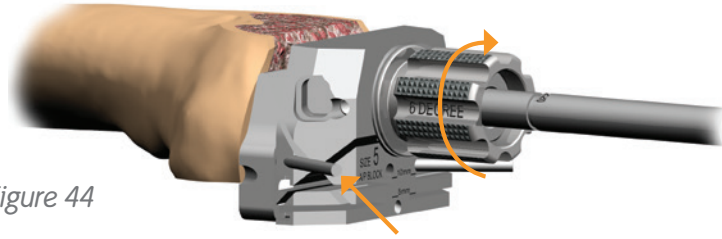


Figure 44

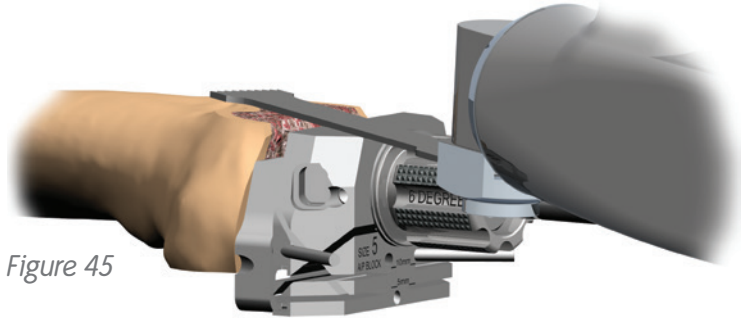


Figure 45

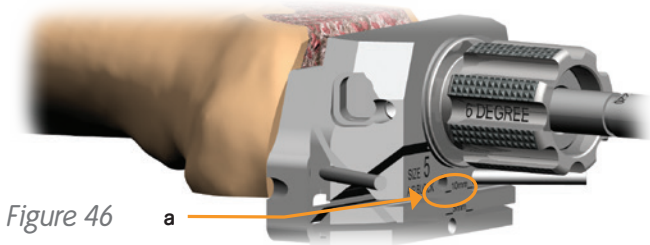


Figure 46



Figure 47

## Preparation of the Female Taper Counterbore

1. With the A/P cutting block pinned in place, remove the Neutral 6° Valgus Collet and Reamer (or Trial Stem Connection Rod Assembly).

*Tip: If needed, the Revision T-Handle can be used to remove fixed reamers or in case the trial stem becomes well-fixed within the canal, the universal extractor can be attached to the end of the trial stem connection rod to aid in removal.*

2. Insert the femoral counterbore guide bushing into the A/P femoral cutting block, ensuring that the “LATERAL” notation on the bushing is correctly positioned for a left or right knee (Figure 48).

### Counterbore Reamer Instrument Assembly:

Depress the button on the Counterbore Depth Stop and slide the depth stop over the reamer with the “IM CANAL” marking towards the cutting end of the reamer. Then attach to the power drill. Position the depth guide to the “FEMUR” marking (Figure 49).

3. Insert the counterbore reamer assembly into the guide bushing and ream until the depth stop contacts with the guide bushing (Figure 50).
4. Remove the pins and A/P cutting block from the distal femur.

## Femoral Trial Preparation

*Note: Joint line/patella height corrections noted preoperatively and at the Distal femoral resection step should be accounted for in the Distal Wedge Trial(s) selection.*

### Femoral Trial/Trial Stem Instrument Assembly:

Align the laser mark on the J-hook of the trial stem to the laser mark on the side of the femoral trial taper. Push in the Trial Stem and make a quarter-turn clockwise to engage the J-hooks.

5. Using a 3.5mm hex screwdriver, screw on the appropriate distal, posterior or L-wedge trial(s) to the femoral trial (Figure 51).

*Tip: The posterior wedge trials screw in from a 10° angle.*

6. Insert the Femoral Trial/Trial Stem assembly into the femoral canal. Proceed to page 27, Femoral Housing Box Resection.

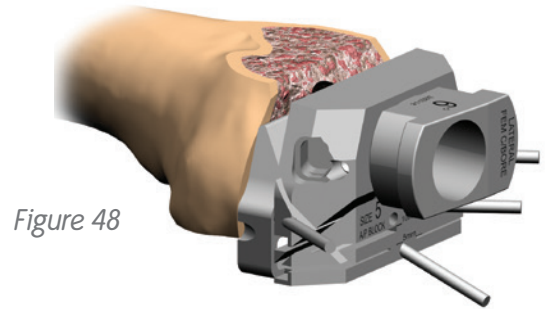


Figure 48

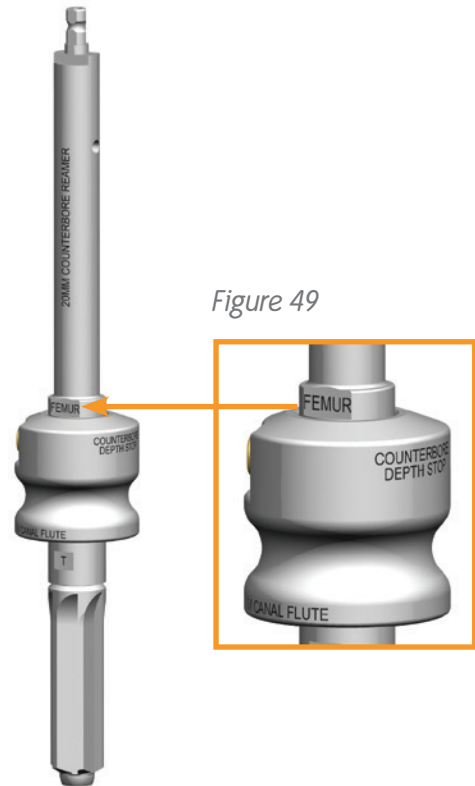


Figure 49

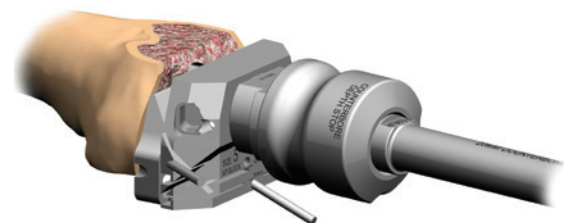


Figure 50

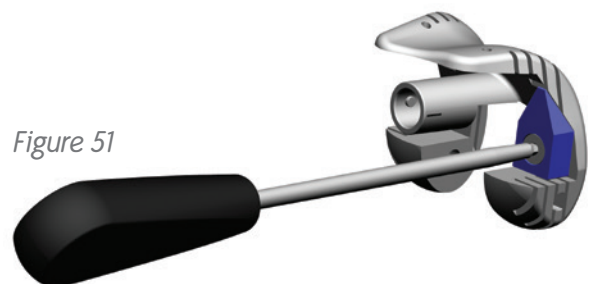


Figure 51

# Offset Femoral Sizing and Placement

## A/P Femoral Resections/Posterior Wedge Resection(s)

1. If appropriate femoral position is not achieved with the Neutral 6° Valgus Collet, remove the Neutral 6° Valgus Collet and A/P cutting block from the distal femur.
2. Ensure that the A/P Hemi Distal Shims, matching the size of the distal wedge resections, are attached to the posterior aspect of the A/P cutting block.

**Note:** Joint line/patella height corrections noted preoperatively and at the Distal femoral resection step should be accounted for in the A/P Hemi Distal Shim(s) selection (augment variations).

### Offset Femoral Collet Instrument Assembly:

Insert the 2, 4 or 6mm offset femoral collet to the appropriate sized A/P cutting block, ensuring that the "LATERAL" notation on the collet is correctly positioned for a left or right knee (Figure 52). In this surgical technique a 4mm offset is used.



Figure 52

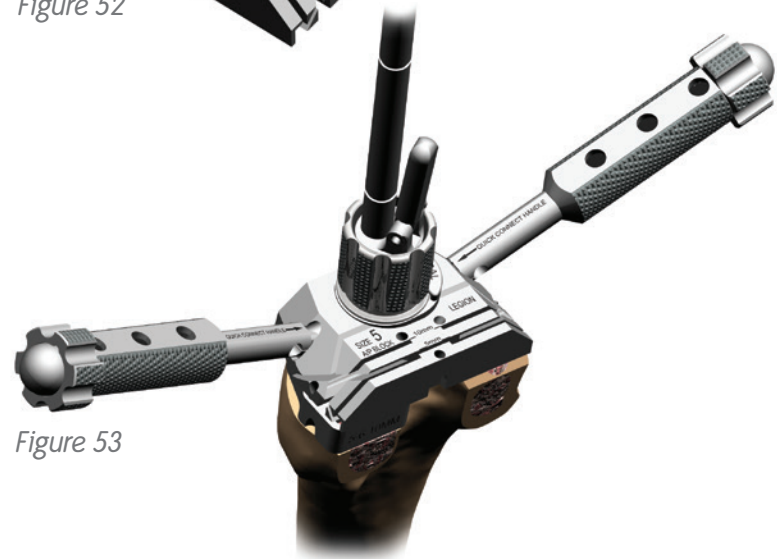


Figure 53

3. Slide the offset femoral collet assembly over the reamer (Figure 53).
4. Rotate the arm of the offset collet until the A/P cutting block is positioned appropriately. The clock position of the arm references the positioning of the femoral collet relative to the canal (Figures 54-56). (In this surgical technique a 7 o'clock position is referenced.)
5. Assess the A/P and M/L position ensuring the rotation of the A/P cutting block is aligned with the epicondylar axis.

**Note:** Quick-connect handles may be used to assist in setting rotation.

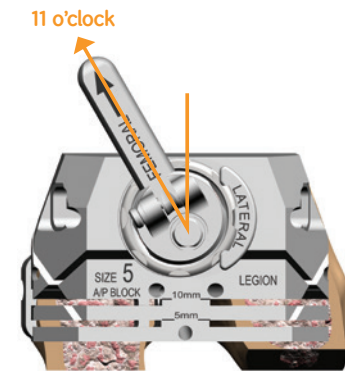


Figure 54

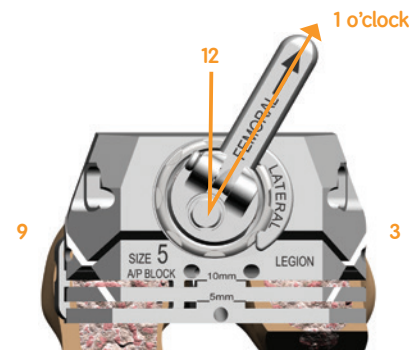


Figure 55

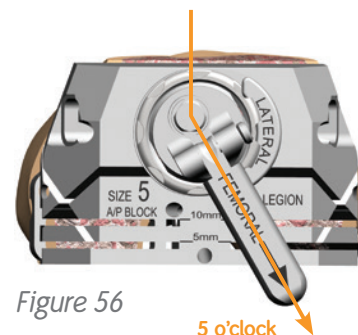


Figure 56

Note: Quick-connect handles may be left in the A/P cutting block while resections are made. This page shows the handles removed for visual clarity.

6. Tighten the offset valgus collet to the reamer shaft (or Trial Stem Connection Rod Assembly). Pin the A/P cutting block to the distal femur through the central hole and secure with oblique pin(s) through the sides of the A/P cutting block and distal shims (Figure 57).

Note: To secure distal shims in place, oblique pins should be used (Figure 59a).

7. Resect the anterior femur above the anterior surface of the A/P cutting block (Figure 58).

8. Resect the posterior condyles under the posterior surface of the A/P cutting block (Figure 59).

9. If wedges are needed to fill bony defects, two more slots are available for 5 or 10mm posterior wedge cuts.

10. Resect the posterior chamfer.

Note: Posterior chamfer cuts are not needed if distal or posterior wedge cuts are made.

11. Resect the anterior chamfer (Figure 60).

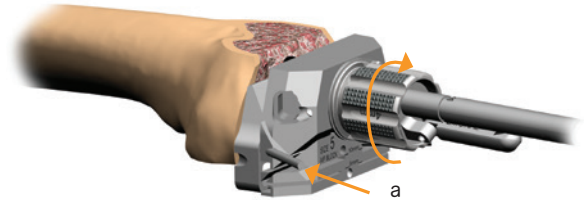


Figure 57

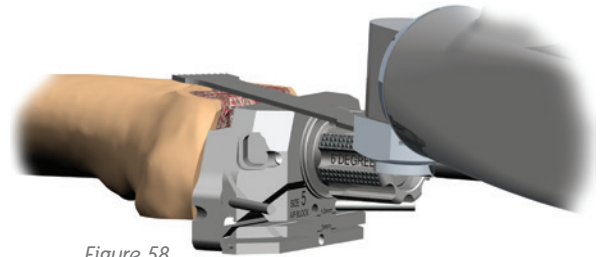


Figure 58

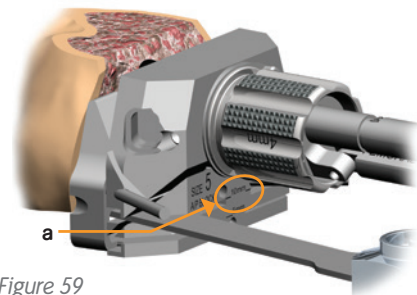


Figure 59



Figure 60

## Offset Femoral Sizing and Placement *continued*

### Preparation of the Female Taper Counterbore

12. Remove the Offset Valgus Collet and Reamer, leaving the pinned A/P Block on the distal femur.

**Note:** When using a 4mm or 6mm Offset with a 16mm (or larger) diameter reamer, the oblique pins and A/P Cutting Block will need to be removed so that the Reamer can be extracted from the femoral canal.

13. Insert the femoral counterbore guide bushing into the A/P cutting block, ensuring that the “LATERAL” notation on the collet is correctly positioned for a left or right knee (Figure 61).

#### Counterbore Reamer Instrument Assembly:

Depress the button on the Counterbore Depth Stop and slide the depth stop over the reamer with the “IM CANAL” marking towards the cutting end of the reamer. Then attach to the power drill. Position the depth guide to the “FEMUR” marking (Figure 62).

14. Insert the Counterbore Reamer Assembly into the guide bushing and ream until the depth stop makes contact with the guide bushing (Figure 63).

15. Remove the pins, Femoral Counterbore Guide Bushing and A/P Cutting Block from the distal femur.

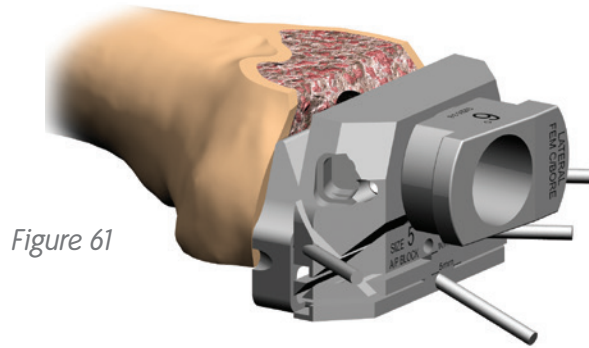


Figure 61

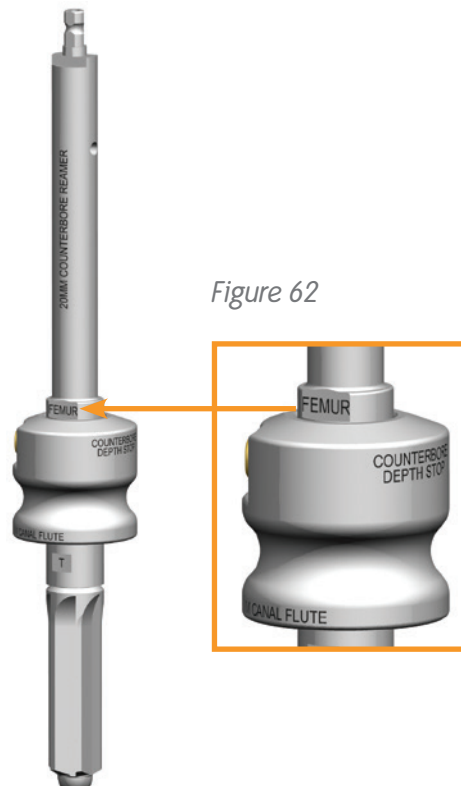


Figure 62

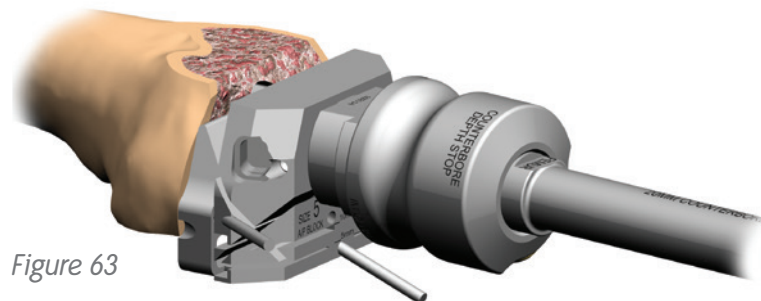


Figure 63

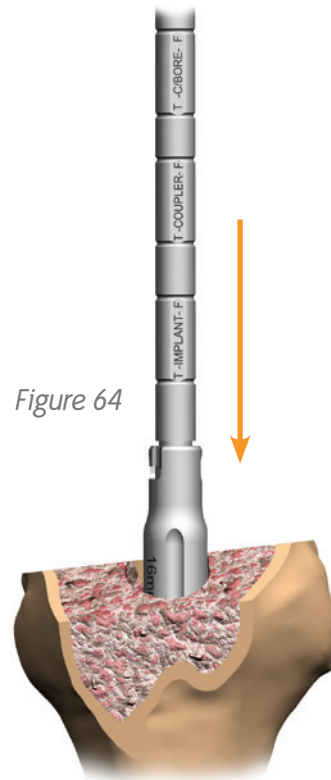


## Preparation of the Offset Coupler Taper Counterbore

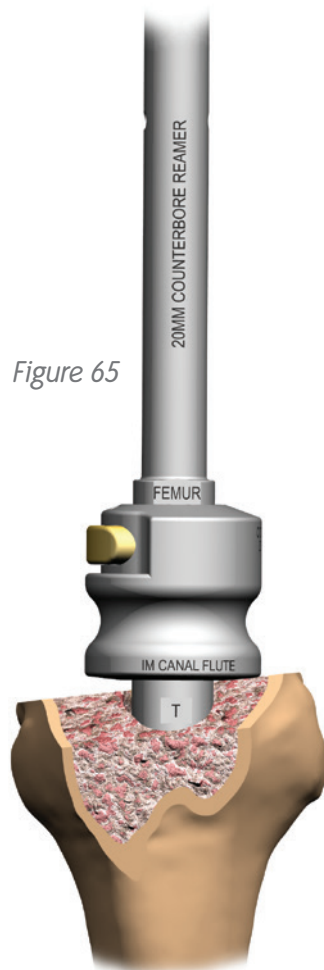
### **Trial Stem Guide Assembly:**

Attach the 120mm length trial stem, using the diameter of the last reamer used, to the Trial Stem Connection Rod.

16. Place the Trial Stem Guide Assembly into the femoral canal (*Figure 64*).
17. Insert the Counterbore Reamer Assembly, still positioned at the “FEMUR” mark, over the trial stem guide and ream until the depth stop contacts the distal femur (*Figure 65*).
18. Remove the counterbore reamer assembly and trial stem guide assembly.



*Figure 64*



*Figure 65*

# Offset Femoral Sizing and Placement *continued*

## Femoral Trial Preparation

**Note:** Ensure the offset coupler is in the locked position by inserting a 3.5mm hex screwdriver in the male end of the coupler, turning clockwise until tight.

### Femoral Trial/Coupler Trial/Stem Trial Assembly:

Align the laser mark on the male end of the offset coupler J-hook with the laser mark on the taper of the femoral trial. Push in the Offset Coupler Trial and turn the Coupler a quarter-turn clockwise to engage J-hook. Align the laser mark on the male end of the Trial Stem J-hook with the laser mark on the taper of the female end of the Offset Coupler. Push in the Trial Stem and make a quarter-turn clockwise to engage the J-hook. (Figure 66).

Figure 66

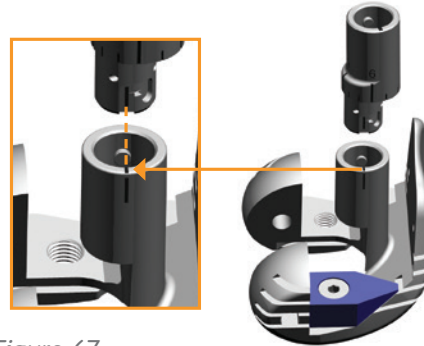


Figure 67

1. Insert the 3.5mm hex screwdriver into the distal end of the femoral trial until the screwdriver is engaged with the hex connection of the coupler trial (Figure 66). Unlock the coupler trial by turning the hex screwdriver counterclockwise.
2. Adjust the coupler to the predetermined position (obtained previously in the Offset Sizing and Placement section, page 22), by aligning the correct clock position on the offset coupler trial to the line marking on the femoral trial (Figure 67). (In this surgical technique, a 7 o'clock position was used.)



Figure 68

3. Once positioned, turn the hex screwdriver clockwise to lock the predetermined offset into position.
4. Using a 3.5mm hex screwdriver, screw on the appropriate distal, posterior or L-wedge trial(s) to the femoral trial (Figure 69).

**Tip:** The posterior wedge trials screw in from a 10° angle.

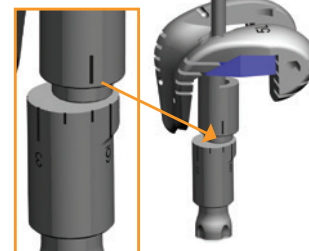


Figure 69

5. Insert the Femoral Trial/Offset Coupler Trial/Stem Trial/Augment Trial assembly into the femoral canal (Figure 70).



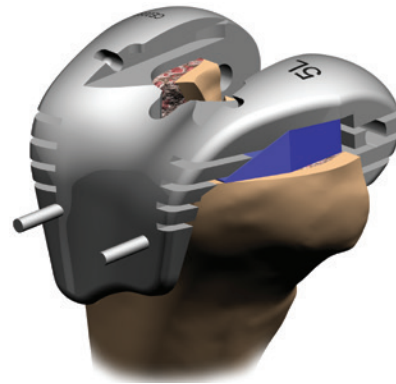
Figure 70

# Femoral Sizing and Placement

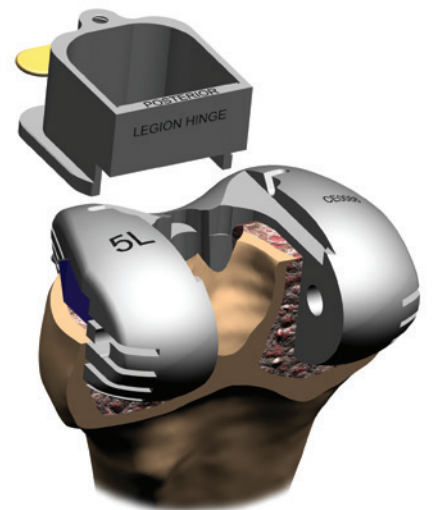
## Femoral Housing Box Resection

1. Pin the femoral trial through the anterior flange (*Figure 71*).
2. Choose the Housing Resection Collet matching the femoral trial size (either 1-2 or 3-8). Attach the collet to the femoral trial by pulling forward on the tabs of the collet (*Figure 72*) and sliding the housing collet (anterior to posterior) into the slots on the distal face of the femoral trial. The housing collet should move freely in the anterior/posterior positions.
3. Attach the housing reamer dome and the P-S reamer sleeve to the patellar reamer shaft. Ream through the housing resection collet in both the anterior and posterior positions until the depth stop contacts the collet (*Figure 73*).
4. Impact the housing box chisel through the housing resection collet to square the corners of the housing. The housing box chisel should be used anteriorly and posteriorly to ensure that the full length of the box is prepared (*Figure 74*).

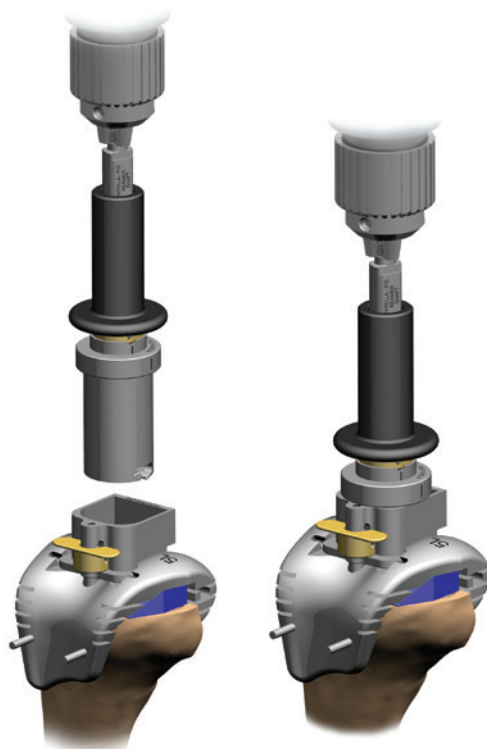
*Figure 71*



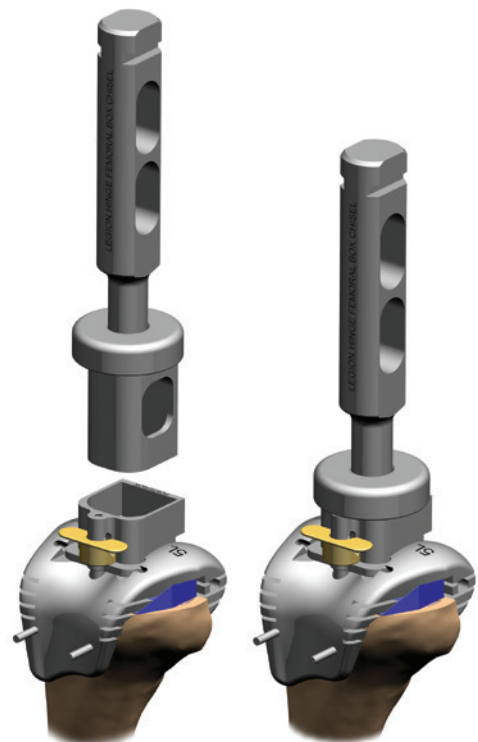
*Figure 72*



*Figure 73*



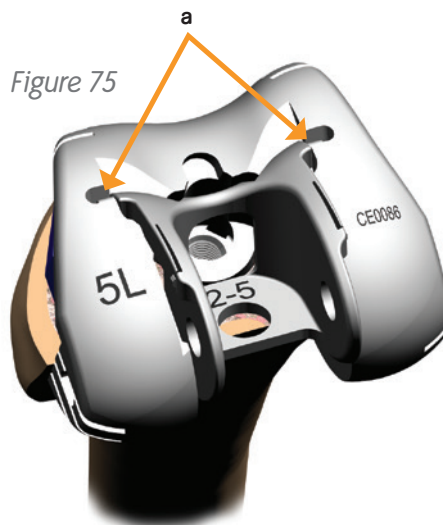
*Figure 74*



## Femoral Sizing and Placement *continued*

### Femoral Trial Cam Module Assembly

1. Select the appropriate sized Femoral Trial Cam Module (matching the femoral trial size selected).
2. Insert the arms of the femoral cam module into the anterior aspect of the femoral trial box and rotate downward until seated (Figures 75 and 76).



# Trialing

## Trial Range of Motion and Tibial Rotational Assessment

1. With the tibial trial/trial stem in the tibia and the femoral trial/trial stem in the femur, insert the constrained articular insert trial into the tibial trial tray.
2. Perform a trial range of motion (*Figure 77*). The tibial trial should be rotationally symmetric with the femoral trial in full extension with the extensor mechanism reduced.
3. Mark the rotation on the tibia utilizing the two anterior marks on the tibial trial tray. Remove the articular insert trial.
4. Using a short-headed spike through the tibial trial, pin the trial tray into the proximal tibia to lock the rotational orientation of the tibial trial.



*Figure 77*

## Trialing *continued*

### Tibial Wedge Resection(s)

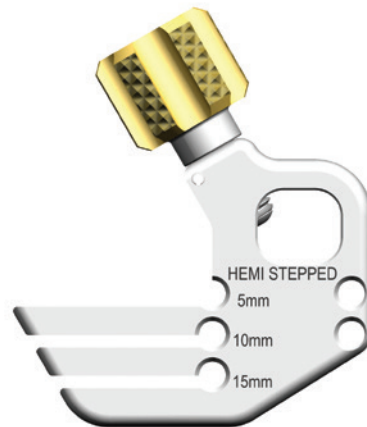
1. Remove any spikes intersecting a compartment needing a Hemi Wedge and pin the opposite compartment if necessary to lock the rotational orientation of the Tibial Trial.

Orient the Hemi-Stepped Tibial Wedge to the correct M/L direction. (Figure 78)

2. Insert the locking quick-connect handle through the wedge resection guide by depressing the ball tip of the handle and inserting the handle through the guide into the anterior quick-connect pocket of the tibial trial tray (Figure 79a). Lock the wedge resection guide by tightening the knob on the quick-connect handle (Figure 79b). Then tighten the thumbscrew on the wedge resection guide (Figure 79c).
3. Using headless pins, pin the wedge resection block to the anterior tibia in the most distal holes.

*Note: Insert an additional pin at the level of tibial wedge resection (5, 10 or 15mm). This will be used as a guide for the sagittal clean-up cut for hemi-stepped wedges (Figure 80).*

Figure 78



Hemi-Stepped Tibial Wedge

Figure 79

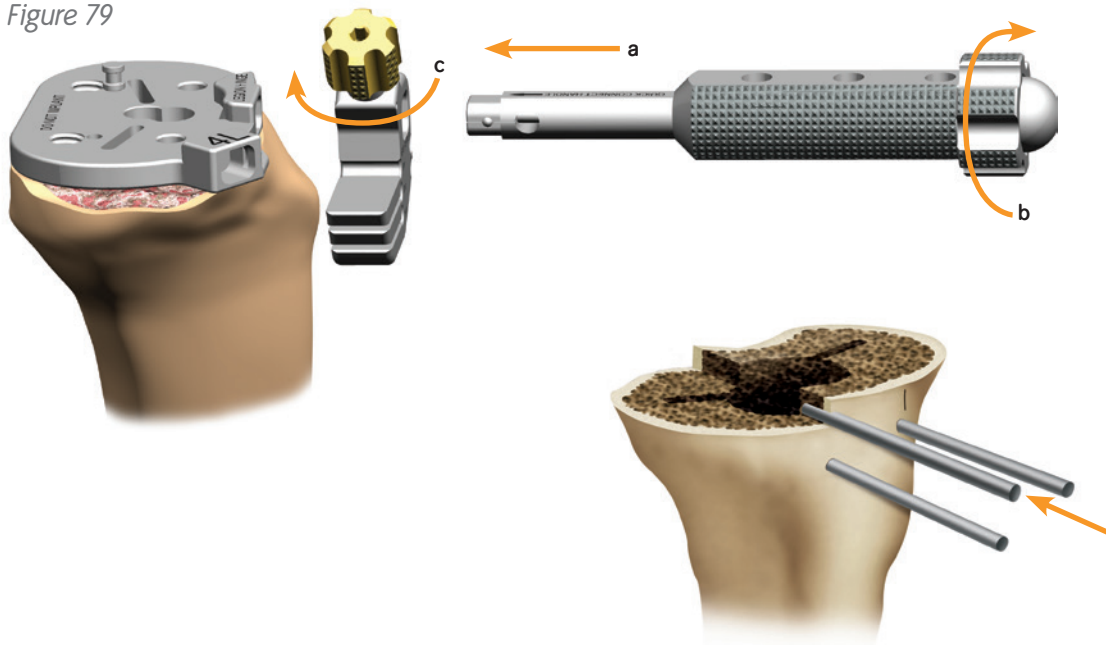
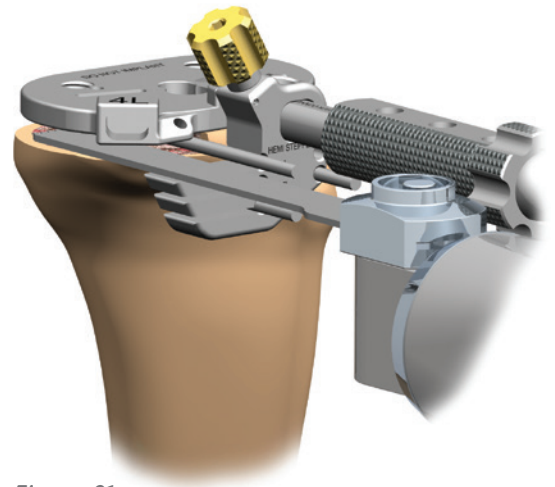


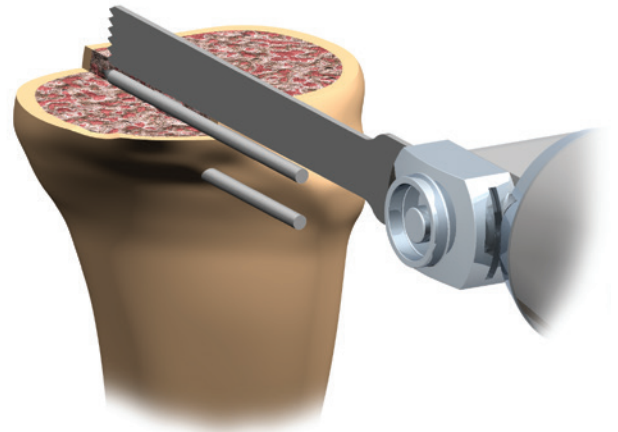
Figure 80

4. Resect for tibial wedges (*Figure 81*).
5. Loosen the quick-connect knob to release the handle and attached the resection guide from the tibial tray.
6. Remove the tibial trial assembly from the canal.

*Note: For hemi-stepped wedges, make a sagittal clean-up cut by using the pin located at the resection level as a guide (*Figure 82*).*



*Figure 81*

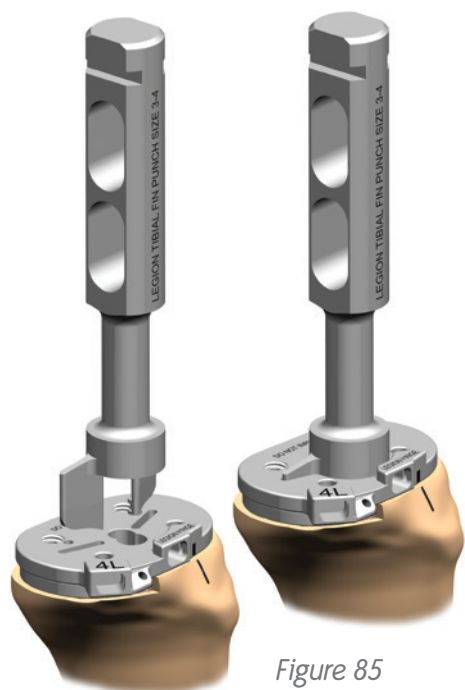
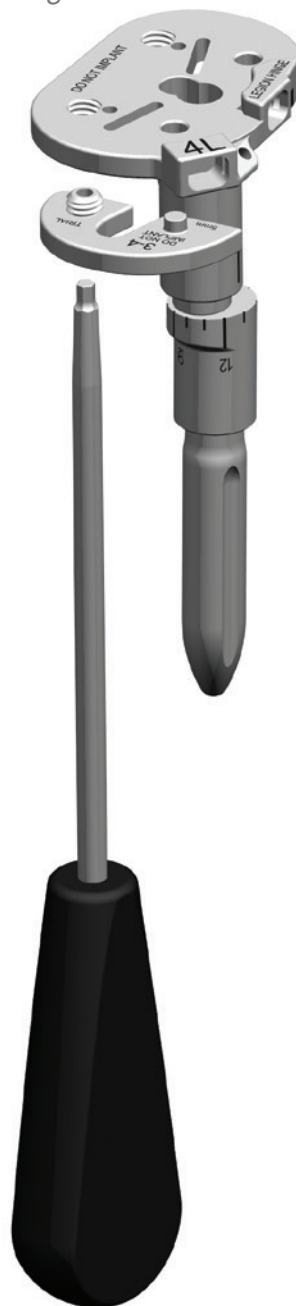


*Figure 82*

### Tibial Wedge Assembly and Fin Punch

1. Using a 3.5mm hex screwdriver, screw on the appropriate tibial wedge(s) into the distal aspect of the tibial trial tray (*Figure 83*) and replace the tray assembly onto the proximal tibia.
2. Verify rotational orientation and replace any pins needed for stability and using the appropriate sized fin punch, insert the punch into the proximal tibial trial tray and impact until fully seated (*Figures 84 and 85*).

*Figure 83*



*Figure 85*

*Figure 84*



# Resurfacing Patellar Preparation

The surgeon can choose from a free hand cutting technique with towel clips or if desired he or she can choose one of the following instrumented techniques.

## Resection Guide Technique

1. Measure the overall thickness of the patella with the patellar calipers (Figure 86).
2. Subtract from this number the thickness of the GENESIS® II round resurfacing patellar component – 9mm.

*Tip: The thickness of the GENESIS II oval resurfacing patella varies by diameter.*

3. The guide is set at the amount of bone that needs to remain after cutting the patella – i.e. the difference between the original patellar thickness and 9mm. The guide is set at this level by turning the knurled knob (Figure 87).



Figure 86

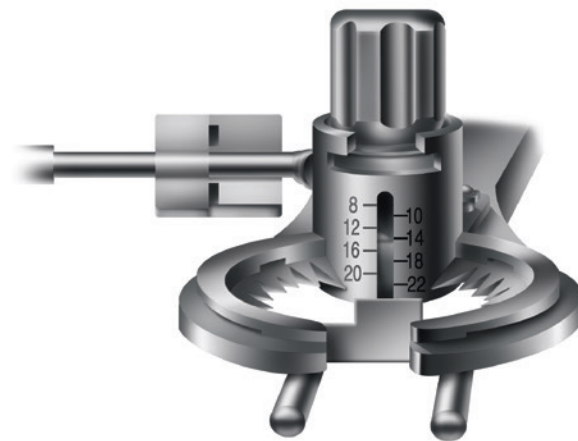


Figure 87

## Resurfacing Patellar Preparation *continued*

4. Cut the patella through the full dedicated saw guides (*Figure 88*).
5. Drill for the three pegs (*Figure 89*), insert the resurfacing patellar trial and remeasure. The overall thickness should be equivalent to the original thickness (*Figure 90*).



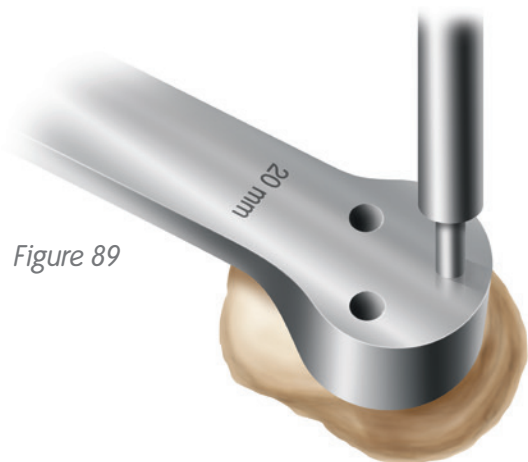
*Figure 88*

### Reaming Technique

The reaming technique described for the biconvex patella on page 35 can be used with the resurfacing patellar implant as well. The only differences in technique are to use the red resurfacing depth gauge, resurfacing reamers and the resurfacing drill guides.



*Figure 90*



*Figure 89*

# Biconvex Patellar Preparation

## Biconvex Patella

### Instrument Assembly:

Determine the appropriate diameter patellar implant and select the correctly sized patellar reamer collet and slide it into place on the patellar reamer guide (Figure 91).

1. Attach the patellar reamer guide to the patella. Tighten the patellar reamer guide on the patella (Figure 92).
2. Use the patellar calipers to measure the thickness of the patella (Figure 93).



Figure 91

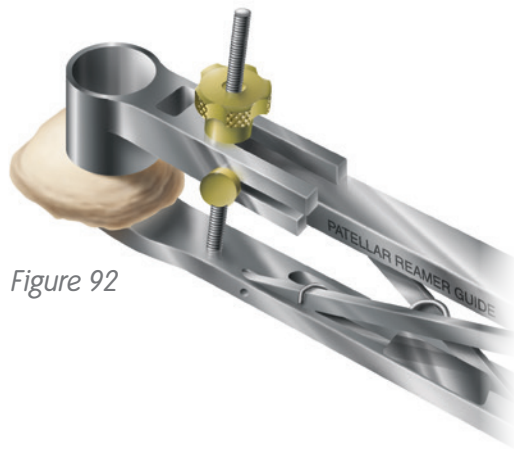


Figure 92

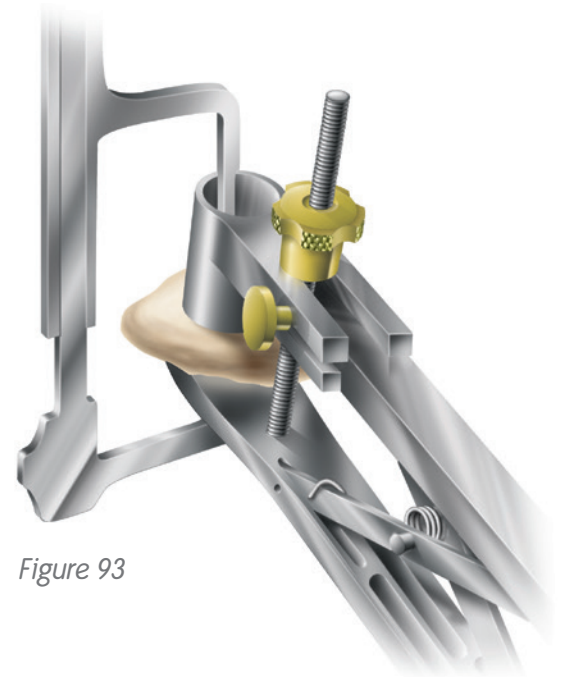


Figure 93

## Biconvex Patellar Preparation *continued*

### Instrument Assembly:

- a. Attach the blue patellar depth gauge to the reamer guide (Figure 94).
- b. Attach the matching sized patellar reamer dome and patellar depth stop to the patellar reamer shaft (Figures 95 and 96). Lower the assembly through the patellar reamer guide until the reamer dome contacts the patella.

3. Swing the patellar depth gauge around so that the “claw” surrounds the patellar reamer shaft.
4. Lower the patellar depth stop by pushing the gold button until it contacts the patellar depth gauge. The patellar depth stop will automatically lock in place (Figure 97).
5. Remove the depth gauge.
6. Ream the patella until the depth stop engages the patellar reamer guide.

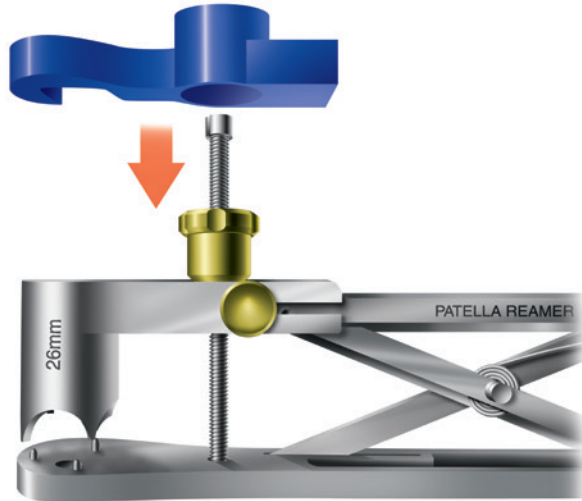


Figure 94



Figure 95



Figure 96

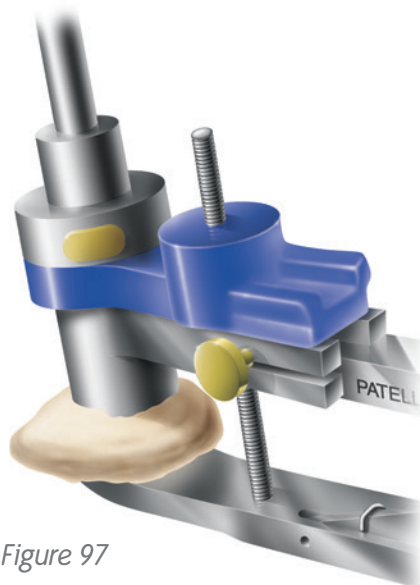


Figure 97

# Implant Assembly

1. Select the appropriate sized femoral/tibial component(s) and the matching sized femoral/tibial wedges.
2. Using the tibial and femoral trials as a guide, assemble the femoral and/or tibial wedges with the 3.5mm hex screwdriver. Secure the wedges with the torque wrench by turning until a click is felt.

*Tip: Screws are packaged sterile with the implant wedge.*

*Note: The GENESIS® II tibial baseplate has tibial wedges available in 10mm and 15mm thicknesses (see GENESIS II surgical techniques). Tibial wedges are affixed with bone cement to the tibial baseplate and do not use screws like the LEGION® system.*

3. If a coupler is needed, select the appropriate sized coupler for the tibial or femoral component. To protect the coupler upon impaction, place the plastic LEGION® stem/coupler impactor over the female end of the offset coupler implant. Insert the male end of the coupler into the femoral and/or tibial implant taper. Impact the coupler at least three times to ensure the taper lock is properly engaged.

*Note: The GENESIS II tibial baseplate has offset couplers available in 2mm and 4mm offsets (see GENESIS II surgical techniques). The implantation technique is the same, however the GENESIS II tibial baseplate has a male taper that connects to the female taper of the offset coupler..*

4. Select the appropriate length and diameter stem that was used for the tibial and femoral trials.
- 5a. Cemented: To protect the stem tip upon impaction, place the appropriate sized plastic LEGION stem impactor over the tip of the cemented stem. Insert the male end of the stem into the offset coupler or femoral and/or tibial taper. Using a stable surface, impact the stem at least three times to ensure the taper lock has been properly engaged

## Implant Assembly *continued*

- 5b. Press-fit Stems: Insert the male end of the stem into the offset coupler or femoral and/or tibial taper.

*Tip: For the press-fit slotted stems, ensure that the rotational mark on the stem lines up with the rotational mark on the post of the femoral and/or tibial implant.*

To protect the tip upon impaction, wrap or cover the tip of the press-fit stem. Using a stable surface, impact the stem at least three times to ensure the taper lock has been properly engaged.

*Note: The GENESIS<sup>®</sup> II press-fit stems are compatible with the GENESIS II tibial baseplate and offset coupler (see GENESIS II surgical techniques). The implantation technique is the same, however the GENESIS II tibial baseplate/offset coupler has a male taper that connects to the female taper of the stem. The GENESIS II system does not use set screws for tibial baseplate/offset coupler or tibial baseplate/stem connections.*

6. Attach the stem set screw, included in the stem packaging, by securing with a 2.5mm hex screwdriver on both sides of the femoral and/or tibial post.

# Implantation

1. Sublux the tibia anteriorly using a Hohmann or similar retractor. Place cement on the proximal tibia and seat the tibial implant with the tibial impactor. Remove excess cement.
2. Flex the knee to 90°. Place cement onto the distal surface of the femur and insert the femoral implant into position. Remove any excess cement.
3. Place the correct size tibial insert trial into the tibial baseplate and extend the leg to pressurize the cement.
4. Assemble the patellar cement clamp to the patellar reamer guide.
5. Apply bone cement to the patella.
6. Place the patellar implant onto the patella and clamp into the bone. Remove excess cement.
7. Remove the trial insert.
8. After all excess cement is removed and the joint is clean, slide the tibial articular insert into the tibial baseplate posteriorly, engaging the locking mechanism.
9. Attach the articular inserter/extractor to the tibial tray. Lift the inserter superiorly until the anterior lip of the articular insert is fully seated.

# Catalog Information

## LEGION<sup>®</sup> CoCr Constrained Femoral

Cat. No.	Description
71425002	LEGION CoCr Constrained Femoral Size 2 Left
71425003	LEGION CoCr Constrained Femoral Size 3 Left
71425004	LEGION CoCr Constrained Femoral Size 4 Left
71425005	LEGION CoCr Constrained Femoral Size 5 Left
71425006	LEGION CoCr Constrained Femoral Size 6 Left
71425007	LEGION CoCr Constrained Femoral Size 7 Left
71425008	LEGION CoCr Constrained Femoral Size 8 Left
71426002	LEGION CoCr Constrained Femoral Size 2 Right
71426003	LEGION CoCr Constrained Femoral Size 3 Right
71426004	LEGION CoCr Constrained Femoral Size 4 Right
71426005	LEGION CoCr Constrained Femoral Size 5 Right
71426006	LEGION CoCr Constrained Femoral Size 6 Right
71426007	LEGION CoCr Constrained Femoral Size 7 Right
71426008	LEGION CoCr Constrained Femoral Size 8 Right

## LEGION Constrained Articular Insert

Cat. No.	Description
71420959	LEGION Constrained Articular Insert 9mm Size 1-2
71420523	LEGION Constrained Articular Insert 9mm Size 3-4
71420537	LEGION Constrained Articular Insert 9mm Size 5-6
71420551	LEGION Constrained Articular Inserts 9mm Size 7-8

## LEGION Revision Tibial Baseplate

Cat. No.	Description
71424001	LEGION Revision Tibial Baseplate Size 1 Left
71424002	LEGION Revision Tibial Baseplate Size 2 Left
71424003	LEGION Revision Tibial Baseplate Size 3 Left
71424004	LEGION Revision Tibial Baseplate Size 4 Left
71424005	LEGION Revision Tibial Baseplate Size 5 Left
71424006	LEGION Revision Tibial Baseplate Size 6 Left
71424007	LEGION Revision Tibial Baseplate Size 7 Left
71424008	LEGION Revision Tibial Baseplate Size 8 Left
71424011	LEGION Revision Tibial Baseplate Size 1 Right
71424012	LEGION Revision Tibial Baseplate Size 2 Right
71424013	LEGION Revision Tibial Baseplate Size 3 Right
71424014	LEGION Revision Tibial Baseplate Size 4 Right
71424015	LEGION Revision Tibial Baseplate Size 5 Right
71424016	LEGION Revision Tibial Baseplate Size 6 Right
71424017	LEGION Revision Tibial Baseplate Size 7 Right
71424018	LEGION Revision Tibial Baseplate Size 8 Right

## LEGION OXINIUM<sup>®</sup> Constrained Femoral

Cat. No.	Description
71421162	LEGION OXINIUM Constrained Femoral 2 Left
71421163	LEGION OXINIUM Constrained Femoral 3 Left
71421164	LEGION OXINIUM Constrained Femoral 4 Left
71421165	LEGION OXINIUM Constrained Femoral 5 Left
71421166	LEGION OXINIUM Constrained Femoral 6 Left
71421167	LEGION OXINIUM Constrained Femoral 7 Left
71421168	LEGION OXINIUM Constrained Femoral 8 Left
71421172	LEGION OXINIUM Constrained Femoral 2 Right
71421173	LEGION OXINIUM Constrained Femoral 3 Right
71421174	LEGION OXINIUM Constrained Femoral 4 Right
71421175	LEGION OXINIUM Constrained Femoral 5 Right
71421176	LEGION OXINIUM Constrained Femoral 6 Right
71421177	LEGION OXINIUM Constrained Femoral 7 Right
71421178	LEGION OXINIUM Constrained Femoral 8 Right

## GENESIS<sup>®</sup> II Non-Porous Tibial Baseplate

Cat. No.	Description
71420160	GENESIS II Non-Porous Tibial Baseplate Size 1 Left
71420162	GENESIS II Non-Porous Tibial Baseplate Size 2 Left
71420164	GENESIS II Non-Porous Tibial Baseplate Size 3 Left
71420166	GENESIS II Non-Porous Tibial Baseplate Size 4 Left
71420168	GENESIS II Non-Porous Tibial Baseplate Size 5 Left
71420170	GENESIS II Non-Porous Tibial Baseplate Size 6 Left
71420172	GENESIS II Non-Porous Tibial Baseplate Size 7 Left
71420174	GENESIS II Non-Porous Tibial Baseplate Size 8 Left
71420176	GENESIS II Non-Porous Tibial Baseplate Size 1 Right
71420180	GENESIS II Non-Porous Tibial Baseplate Size 2 Right
71420182	GENESIS II Non-Porous Tibial Baseplate Size 3 Right
71420184	GENESIS II Non-Porous Tibial Baseplate Size 4 Right
71420186	GENESIS II Non-Porous Tibial Baseplate Size 5 Right
71420188	GENESIS II Non-Porous Tibial Baseplate Size 6 Right
71420190	GENESIS II Non-Porous Tibial Baseplate Size 7 Right
71420191	GENESIS II Non-Porous Tibial Baseplate Size 8 Right



## LEGION<sup>®</sup> PS High Flex Insert

Cat. No.	Description
71453171	LEGION PS High Flex XLPE Size 1-2 10mm
71453172	LEGION PS High Flex XLPE Size 1-2 12mm
71453173	LEGION PS High Flex XLPE Size 3-4 10mm
71453174	LEGION PS High Flex XLPE Size 3-4 12mm
71453175	LEGION PS High Flex XLPE Size 5-6 10mm
71453176	LEGION PS High Flex XLPE Size 5-6 12mm
71453177	LEGION PS High Flex XLPE Size 7-8 10mm
71453178	LEGION PS High Flex XLPE Size 7-8 12mm
71453201	LEGION PS High Flex XLPE Size 1-2 9mm
71453202	LEGION PS High Flex XLPE Size 1-2 11mm
71453203	LEGION PS High Flex XLPE Size 1-2 13mm
71453204	LEGION PS High Flex XLPE Size 1-2 15mm
71453205	LEGION PS High Flex XLPE Size 1-2 18mm
71453206	LEGION PS High Flex XLPE Size 1-2 21mm
71453211	LEGION PS High Flex XLPE Size 3-4 9mm
71453212	LEGION PS High Flex XLPE Size 3-4 11mm
71453213	LEGION PS High Flex XLPE Size 3-4 13mm
71453214	LEGION PS High Flex XLPE Size 3-4 15mm
71453215	LEGION PS High Flex XLPE Size 3-4 18mm
71453216	LEGION PS High Flex XLPE Size 3-4 21mm
71453221	LEGION PS High Flex XLPE Size 5-6 9mm
71453222	LEGION PS High Flex XLPE Size 5-6 11mm
71453223	LEGION PS High Flex XLPE Size 5-6 13mm
71453224	LEGION PS High Flex XLPE Size 5-6 15mm
71453225	LEGION PS High Flex XLPE Size 5-6 18mm
71453226	LEGION PS High Flex XLPE Size 5-6 21mm
71453231	LEGION PS High Flex XLPE Size 7-8 9mm
71453232	LEGION PS High Flex XLPE Size 7-8 11mm
71453233	LEGION PS High Flex XLPE Size 7-8 13mm
71453234	LEGION PS High Flex XLPE Size 7-8 15mm
71453235	LEGION PS High Flex XLPE Size 7-8 18mm
71453236	LEGION PS High Flex XLPE Size 7-8 21mm

## GENESIS<sup>®</sup> II PS High Flex Insert

Cat. No.	Description
71421501	GENESIS II PS High Flex Insert Size 1-2 9mm
71421502	GENESIS II PS High Flex Insert Size 1-2 11mm
71421503	GENESIS II PS High Flex Insert Size 1-2 13mm
71421504	GENESIS II PS High Flex Insert Size 1-2 15mm
71421505	GENESIS II PS High Flex Insert Size 1-2 18mm
71421506	GENESIS II PS High Flex Insert Size 1-2 21mm
71421507	GENESIS II PS High Flex Insert Size 1-2 25mm
71421508	GENESIS II PS High Flex Insert Size 3-4 9mm
71421509	GENESIS II PS High Flex Insert Size 3-4 11mm
71421510	GENESIS II PS High Flex Insert Size 3-4 13mm
71421511	GENESIS II PS High Flex Insert Size 3-4 15mm
71421512	GENESIS II PS High Flex Insert Size 3-4 18mm
71421513	GENESIS II PS High Flex Insert Size 3-4 21mm
71421514	GENESIS II PS High Flex Insert Size 3-4 25mm
71421515	GENESIS II PS High Flex Insert Size 5-6 9mm
71421516	GENESIS II PS High Flex Insert Size 5-6 11mm
71421517	GENESIS II PS High Flex Insert Size 5-6 13mm
71421518	GENESIS II PS High Flex Insert Size 5-6 15mm
71421519	GENESIS II PS High Flex Insert Size 5-6 18mm
71421520	GENESIS II PS High Flex Insert Size 5-6 21mm
71421521	GENESIS II PS High Flex Insert Size 5-6 25mm
71421522	GENESIS II PS High Flex Insert Size 7-8 9mm
71421523	GENESIS II PS High Flex Insert Size 7-8 11mm
71421524	GENESIS II PS High Flex Insert Size 7-8 13mm
71421525	GENESIS II PS High Flex Insert Size 7-8 15mm
71421526	GENESIS II PS High Flex Insert Size 7-8 18mm
71421527	GENESIS II PS High Flex Insert Size 7-8 21mm
71421528	GENESIS II PS High Flex Insert Size 7-8 25mm

## GENESIS<sup>®</sup> II Constrained Insert

Cat. No.	Description
71420524	GENESIS II Constrained Insert Size 3-4 11mm
71420526	GENESIS II Constrained Insert Size 3-4 13mm
71420528	GENESIS II Constrained Insert Size 3-4 15mm
71420530	GENESIS II Constrained Insert Size 3-4 18mm
71420532	GENESIS II Constrained Insert Size 3-4 21mm
71420534	GENESIS II Constrained Insert Size 3-4 25mm
71420536	GENESIS II Constrained Insert Size 3-4 30mm
71420538	GENESIS II Constrained Insert Size 5-6 11mm
71420540	GENESIS II Constrained Insert Size 5-6 13mm
71420542	GENESIS II Constrained Insert Size 5-6 15mm
71420544	GENESIS II Constrained Insert Size 5-6 18mm
71420546	GENESIS II Constrained Insert Size 5-6 21mm
71420548	GENESIS II Constrained Insert Size 5-6 25mm
71420550	GENESIS II Constrained Insert Size 5-6 30mm
71420552	GENESIS II Constrained Insert Size 7-8 11mm
71420554	GENESIS II Constrained Insert Size 7-8 13mm
71420556	GENESIS II Constrained Insert Size 7-8 15mm
71420558	GENESIS II Constrained Insert Size 7-8 18mm
71420560	GENESIS II Constrained Insert Size 7-8 21mm
71420562	GENESIS II Constrained Insert Size 7-8 25mm
71420564	GENESIS II Constrained Insert Size 7-8 30mm
71420960	GENESIS II Constrained Insert Size 1-2 11mm
71420962	GENESIS II Constrained Insert Size 1-2 13mm
71420964	GENESIS II Constrained Insert Size 1-2 15mm
71420966	GENESIS II Constrained Insert Size 1-2 18mm
71420968	GENESIS II Constrained Insert Size 1-2 21mm
71420970	GENESIS II Constrained Insert Size 1-2 25mm
71420972	GENESIS II Constrained Insert Size 1-2 30mm

## GENESIS II PS Insert

Cat. No.	Description
71420802	GENESIS II PS Insert Size 1-2 9mm
71420804	GENESIS II PS Insert Size 1-2 11mm
71420806	GENESIS II PS Insert Size 1-2 13mm
71420808	GENESIS II PS Insert Size 1-2 15mm
71420810	GENESIS II PS Insert Size 1-2 18mm
71420812	GENESIS II PS Insert Size 1-2 21mm
71420814	GENESIS II PS Insert Size 1-2 25mm
71420816	GENESIS II PS Insert Size 3-4 9mm
71420818	GENESIS II PS Insert Size 3-4 11mm
71420820	GENESIS II PS Insert Size 3-4 13mm
71420822	GENESIS II PS Insert Size 3-4 15mm
71420824	GENESIS II PS Insert Size 3-4 18mm
71420826	GENESIS II PS Insert Size 3-4 21mm
71420828	GENESIS II PS Insert Size 3-4 25mm
71420830	GENESIS II PS Insert Size 5-6 9mm
71420832	GENESIS II PS Insert Size 5-6 11mm
71420834	GENESIS II PS Insert Size 5-6 13mm
71420836	GENESIS II PS Insert Size 5-6 15mm
71420838	GENESIS II PS Insert Size 5-6 18mm
71420840	GENESIS II PS Insert Size 5-6 21mm
71420842	GENESIS II PS Insert Size 5-6 25mm
71420844	GENESIS II PS Insert Size 7-8 9mm
71420846	GENESIS II PS Insert Size 7-8 11mm
71420848	GENESIS II PS Insert Size 7-8 13mm
71420850	GENESIS II PS Insert Size 7-8 15mm
71420852	GENESIS II PS Insert Size 7-8 18mm
71420854	GENESIS II PS Insert Size 7-8 21mm
71420856	GENESIS II PS Insert Size 7-8 25mm

## LEGION® Screw-On L Wedge

Cat. No.	Description
71421711	LEGION Screw-On L Wedge Size 2 5D X 5P
71421713	LEGION Screw-On L Wedge Size 2 10D X 5P
71421715	LEGION Screw-On L Wedge Size 2 15D X 5P
71421721	LEGION Screw-On L Wedge Size 3 5D X 5P
71421722	LEGION Screw-On L Wedge Size 3 5D X 10P
71421723	LEGION Screw-On L Wedge Size 3 10D X 5P
71421724	LEGION Screw-On L Wedge Size 3 10D X 10P
71421725	LEGION Screw-On L Wedge Size 3 15D X 5P
71421726	LEGION Screw-On L Wedge Size 3 15D X 10P
71421731	LEGION Screw-On L Wedge Size 4 5D X 5P
71421732	LEGION Screw-On L Wedge Size 4 5D X 10P
71421733	LEGION Screw-On L Wedge Size 4 10D X 5P
71421734	LEGION Screw-On L Wedge Size 4 10D X 10P
71421735	LEGION Screw-On L Wedge Size 4 15D X 5P
71421736	LEGION Screw-On L Wedge Size 4 15D X 10P
71421741	LEGION Screw-On L Wedge Size 5 5D X 5P
71421742	LEGION Screw-On L Wedge Size 5 5D X 10P
71421743	LEGION Screw-On L Wedge Size 5 10D X 5P
71421744	LEGION Screw-On L Wedge Size 5 10D X 10P
71421745	LEGION Screw-On L Wedge Size 5 15D X 5P
71421746	LEGION Screw-On L Wedge Size 5 15D X 10P
71421751	LEGION Screw-On L Wedge Size 6 5D X 5P
71421752	LEGION Screw-On L Wedge Size 6 5D X 10P
71421753	LEGION Screw-On L Wedge Size 6 10D X 5P
71421754	LEGION Screw-On L Wedge Size 6 10D X 10P
71421755	LEGION Screw-On L Wedge Size 6 15D X 5P
71421756	LEGION Screw-On L Wedge Size 6 15D X 10P
71421761	LEGION Screw-On L Wedge Size 7 5D X 5P
71421762	LEGION Screw-On L Wedge Size 7 5D X 10P
71421763	LEGION Screw-On L Wedge Size 7 10D X 5P
71421764	LEGION Screw-On L Wedge Size 7 10D X 10P
71421765	LEGION Screw-On L Wedge Size 7 15D X 5P
71421766	LEGION Screw-On L Wedge Size 7 15D X 10P
71421771	LEGION Screw-On L Wedge Size 8 5D X 5P
71421772	LEGION Screw-On L Wedge Size 8 5D X 10P
71421773	LEGION Screw-On L Wedge Size 8 10D X 5P
71421774	LEGION Screw-On L Wedge Size 8 10D X 10P
71421775	LEGION Screw-On L Wedge Size 8 15D X 5P
71421776	LEGION Screw-On L Wedge Size 8 15D X 10P

## LEGION Finned Tibial Wedge

Cat. No.	Description
71426134	LEGION Finned Tibial Wedge Size 2 10mm Left
71426135	LEGION Finned Tibial Wedge Size 2 15mm Left
71426136	LEGION Finned Tibial Wedge Size 2 20mm Left
71426137	LEGION Finned Tibial Wedge Size 3 10mm Left
71426138	LEGION Finned Tibial Wedge Size 3 15mm Left
71426139	LEGION Finned Tibial Wedge Size 3 20mm Left
71426141	LEGION Finned Tibial Wedge Size 4 10mm Left
71426142	LEGION Finned Tibial Wedge Size 4 15mm Left
71426143	LEGION Finned Tibial Wedge Size 4 20mm Left
71426144	LEGION Finned Tibial Wedge Size 5 10mm Left
71426145	LEGION Finned Tibial Wedge Size 5 15mm Left
71426146	LEGION Finned Tibial Wedge Size 5 20mm Left
71426147	LEGION Finned Tibial Wedge Size 6 10mm Left
71426148	LEGION Finned Tibial Wedge Size 6 15mm Left
71426149	LEGION Finned Tibial Wedge Size 6 20mm Left
71426151	LEGION Finned Tibial Wedge Size 7 10mm Left
71426152	LEGION Finned Tibial Wedge Size 7 15mm Left
71426153	LEGION Finned Tibial Wedge Size 7 20mm Left
71426154	LEGION Finned Tibial Wedge Size 8 10mm Left
71426155	LEGION Finned Tibial Wedge Size 8 15mm Left
71426156	LEGION Finned Tibial Wedge Size 8 20mm Left
71426161	LEGION Finned Tibial Wedge Size 2 10mm Right
71426162	LEGION Finned Tibial Wedge Size 2 15mm Right
71426163	LEGION Finned Tibial Wedge Size 2 20mm Right
71426164	LEGION Finned Tibial Wedge Size 3 10mm Right
71426165	LEGION Finned Tibial Wedge Size 3 15mm Right
71426166	LEGION Finned Tibial Wedge Size 3 20mm Right
71426167	LEGION Finned Tibial Wedge Size 4 10mm Right
71426168	LEGION Finned Tibial Wedge Size 4 15mm Right
71426169	LEGION Finned Tibial Wedge Size 4 20mm Right
71426171	LEGION Finned Tibial Wedge Size 5 10mm Right
71426172	LEGION Finned Tibial Wedge Size 5 15mm Right
71426173	LEGION Finned Tibial Wedge Size 5 20mm Right
71426174	LEGION Finned Tibial Wedge Size 6 10mm Right
71426175	LEGION Finned Tibial Wedge Size 6 15mm Right
71426176	LEGION Finned Tibial Wedge Size 6 20mm Right
71426177	LEGION Finned Tibial Wedge Size 7 10mm Right
71426178	LEGION Finned Tibial Wedge Size 7 15mm Right
71426179	LEGION Finned Tibial Wedge Size 7 20mm Right
71426181	LEGION Finned Tibial Wedge Size 8 10mm Right
71426182	LEGION Finned Tibial Wedge Size 8 15mm Right
71426183	LEGION Finned Tibial Wedge Size 8 20mm Right

## LEGION® Revision/Hinge Hemi Stepped Tibial Wedge

Cat. No.	Description
71423417	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 1-2 LL/RM 5mm
71423418	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 1-2 LL/RM 10mm
71423419	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 1-2 LL/RM 15mm
71423420	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 3-4 LL/RM 5mm
71423421	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 3-4 LL/RM 10mm
71423422	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 3-4 LL/RM 15mm
71423423	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 5-6 LL/RM 5mm
71423424	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 5-6 LL/RM 10mm
71423425	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 5-6 LL/RM 15mm
71423426	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 7-8 LL/RM 5mm
71423427	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 7-8 LL/RM 10mm
71423428	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 7-8 LL/RM 15mm
71423429	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 1-2 LM/RL 5mm
71423430	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 1-2 LM/RL 10mm
71423431	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 1-2 LM/RL 15mm
71423432	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 3-4 LM/RL 5mm
71423433	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 3-4 LM/RL 10mm
71423434	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 3-4 LM/RL 15mm
71423435	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 5-6 LM/RL 5mm
71423436	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 5-6 LM/RL 10mm
71423437	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 5-6 LM/RL 15mm
71423438	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 7-8 LM/RL 5mm
71423439	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 7-8 LM/RL 10mm
71423440	LEGION Revision/Hinge Hemi Stepped Tibial Wedge Size 7-8 LM/RL 15mm

## LEGION® Screw-On Distal Femoral Wedge

Cat. No.	Description
71421654	LEGION Screw-On Distal Femoral Wedge Size 2 5mm
71421655	LEGION Screw-On Distal Femoral Wedge Size 2 10mm
71421656	LEGION Screw-On Distal Femoral Wedge Size 2 15mm
71421657	LEGION Screw-On Distal Femoral Wedge Size 3 5mm
71421658	LEGION Screw-On Distal Femoral Wedge Size 3 10mm
71421659	LEGION Screw-On Distal Femoral Wedge Size 3 15mm
71421661	LEGION Screw-On Distal Femoral Wedge Size 4 5mm
71421662	LEGION Screw-On Distal Femoral Wedge Size 4 10mm
71421663	LEGION Screw-On Distal Femoral Wedge Size 4 15mm
71421664	LEGION Screw-On Distal Femoral Wedge Size 5 5mm
71421665	LEGION Screw-On Distal Femoral Wedge Size 5 10mm
71421666	LEGION Screw-On Distal Femoral Wedge Size 5 15mm
71421667	LEGION Screw-On Distal Femoral Wedge Size 6 5mm
71421668	LEGION Screw-On Distal Femoral Wedge Size 6 10mm
71421669	LEGION Screw-On Distal Femoral Wedge Size 6 15mm
71421671	LEGION Screw-On Distal Femoral Wedge Size 7 5mm
71421672	LEGION Screw-On Distal Femoral Wedge Size 7 10mm
71421673	LEGION Screw-On Distal Femoral Wedge Size 7 15mm
71421674	LEGION Screw-On Distal Femoral Wedge Size 8 5mm
71421675	LEGION Screw-On Distal Femoral Wedge Size 8 10mm
71421676	LEGION Screw-On Distal Femoral Wedge Size 8 15mm

## LEGION Screw-On Posterior Femoral Wedge

Cat. No.	Description
71421801	LEGION Screw-On Posterior Femoral Wedge 5mm Size 1-2 Long
71421802	LEGION Screw-On Posterior Femoral Wedge 10mm Size 1-2 Long
71421803	LEGION Screw-On Posterior Femoral Wedge 5mm Size 3-4 Long
71421804	LEGION Screw-On Posterior Femoral Wedge 10mm Size 3-4 Long
71421805	LEGION Screw-On Posterior Femoral Wedge 5mm Size 5-6 Long
71421806	LEGION Screw-On Posterior Femoral Wedge 10mm Size 5-6 Long
71421807	LEGION Screw-On Posterior Femoral Wedge 5mm Size 7-8 Long
71421808	LEGION Screw-On Posterior Femoral Wedge 10mm Size 7-8 Long

## Tibial Wedge Screw

Cat. No.	Description
71423097	Tibial Wedge Screw

## LEGION® Distal Wedge Screw

Cat. No.	Description
71421670	LEGION 15mm Distal Wedge Screw
71421698	LEGION 5mm Distal Wedge Screw
71421699	LEGION 10mm Distal Wedge Screw

## LEGION Posterior Wedge Screw

Cat. No.	Description
71421827	LEGION 5mm Posterior Wedge Screw
71421828	LEGION 10mm Posterior Wedge Screw

## LEGION Locking Set Screw

Cat. No.	Description
71424228	LEGION Locking Set Screw

## LEGION Tibial Wedge Lug

Cat. No.	Description
71934237	LEGION Tibial Wedge Lug 10mm
71934238	LEGION Tibial Wedge Lug 15mm

## LEGION Revision/Hinge Full Tibial Wedge

Cat. No.	Description
71423073	LEGION Revision/Hinge Full Tibial Wedge Size 1-2 10mm
71423074	LEGION Revision/Hinge Full Tibial Wedge Size 3-4 10mm
71423075	LEGION Revision/Hinge Full Tibial Wedge Size 5-6 10mm
71423076	LEGION Revision/Hinge Full Tibial Wedge Size 7-8 10mm
71423077	LEGION Revision/Hinge Full Tibial Wedge Size 1-2 15mm
71423078	LEGION Revision/Hinge Full Tibial Wedge Size 3-4 15mm
71423079	LEGION Revision/Hinge Full Tibial Wedge Size 5-6 15mm
71423080	LEGION Revision/Hinge Full Tibial Wedge Size 7-8 15mm

## LEGION Tibial Cone Short

Cat. No.	Description
71935386	LEGION Tibial Cone ID 18 Short
71935387	LEGION Tibial Cone ID 20 Short
71935388	LEGION Tibial Cone ID 22 Short
71935389	LEGION Tibial Cone ID 24 Short
71935390	LEGION Tibial Cone ID 26 Short
71935391	LEGION Tibial Cone ID 28 Short
71935392	LEGION Tibial Cone ID 30 Short

## LEGION Tibial Cone Long

Cat. No.	Description
71935393	LEGION Tibial Cone ID 18 Long
71935394	LEGION Tibial Cone ID 20 Long
71935395	LEGION Tibial Cone ID 22 Long
71935396	LEGION Tibial Cone ID 24 Long
71935397	LEGION Tibial Cone ID 26 Long
71935398	LEGION Tibial Cone ID 28 Long
71935399	LEGION Tibial Cone ID 30 Long

## LEGION Femoral Cone

Cat. No.	Description
71935400	LEGION Femoral Cone ID 18mm Left
71935401	LEGION Femoral Cone ID 20mm Left
71935402	LEGION Femoral Cone ID 22mm Left
71935403	LEGION Femoral Cone ID 24mm Left
71935404	LEGION Femoral Cone ID 26mm Left
71935405	LEGION Femoral Cone ID 28mm Left
71935406	LEGION Femoral Cone ID 30mm Left
71935407	LEGION Femoral Cone ID 18mm Right
71935408	LEGION Femoral Cone ID 20mm Right
71935409	LEGION Femoral Cone ID 22mm Right
71935410	LEGION Femoral Cone ID 24mm Right
71935411	LEGION Femoral Cone ID 26mm Right
71935412	LEGION Femoral Cone ID 28mm Right
71935413	LEGION Femoral Cone ID 30mm Right

## LEGION® Press-Fit Stem

Cat. No.	Description
71424022	LEGION Press-Fit Stem 9mm X 120mm
71424023	LEGION Press-Fit Stem 10mm X 120mm
71424024	LEGION Press-Fit Stem 11mm X 120mm
71424025	LEGION Press-Fit Stem 12mm X 120mm
71424026	LEGION Press-Fit Stem 13mm X 120mm
71424027	LEGION Press-Fit Stem 14mm X 120mm
71424028	LEGION Press-Fit Stem 15mm X 120mm
71424029	LEGION Press-Fit Stem 16mm X 120mm
71424031	LEGION Press-Fit Stem 18mm X 120mm
71424033	LEGION Press-Fit Stem 20mm X 120mm
71424035	LEGION Press-Fit Stem 22mm X 120mm
71424037	LEGION Press-Fit Stem 24mm X 120mm
71424042	LEGION Press-Fit Stem 9mm X 160mm
71424043	LEGION Press-Fit Stem 10mm X 160mm
71424044	LEGION Press-Fit Stem 11mm X 160mm
71424045	LEGION Press-Fit Stem 12mm X 160mm
71424046	LEGION Press-Fit Stem 13mm X 160mm
71424047	LEGION Press-Fit Stem 14mm X 160mm
71424048	LEGION Press-Fit Stem 15mm X 160mm
71424049	LEGION Press-Fit Stem 16mm X 160mm
71424051	LEGION Press-Fit Stem 18mm X 160mm
71424053	LEGION Press-Fit Stem 20mm X 160mm
71424055	LEGION Press-Fit Stem 22mm X 160mm
71424057	LEGION Press-Fit Stem 24mm X 160mm

## LEGION Press-Fit Stem Straight

Cat. No.	Description
71424063	LEGION Press-Fit Stem 10mm X 220mm Straight
71424064	LEGION Press-Fit Stem 11mm X 220mm Straight
71424065	LEGION Press-Fit Stem 12mm X 220mm Straight
71424066	LEGION Press-Fit Stem 13mm X 220mm Straight
71424067	LEGION Press-Fit Stem 14mm X 220mm Straight
71424068	LEGION Press-Fit Stem 15mm X 220mm Straight
71424069	LEGION Press-Fit Stem 16mm X 220mm Straight
71424071	LEGION Press-Fit Stem 18mm X 220mm Straight
71424073	LEGION Press-Fit Stem 20mm X 220mm Straight
71424075	LEGION Press-Fit Stem 22mm X 220mm Straight
71424077	LEGION Press-Fit Stem 24mm X 220mm Straight

## LEGION Press-Fit Stem Bowed

Cat. No.	Description
71424083	LEGION Press-Fit Stem 10mm X 220mm Bowed
71424084	LEGION Press-Fit Stem 11mm X 220mm Bowed
71424085	LEGION Press-Fit Stem 12mm X 220mm Bowed
71424086	LEGION Press-Fit Stem 13mm X 220mm Bowed
71424087	LEGION Press-Fit Stem 14mm X 220mm Bowed
71424088	LEGION Press-Fit Stem 15mm X 220mm Bowed
71424089	LEGION Press-Fit Stem 16mm X 220mm Bowed
71424091	LEGION Press-Fit Stem 18mm X 220mm Bowed
71424093	LEGION Press-Fit Stem 20mm X 220mm Bowed
71424095	LEGION Press-Fit Stem 22mm X 220mm Bowed
71424097	LEGION Press-Fit Stem 24mm X 220mm Bowed
71424103	LEGION Press-Fit Stem 10mm X 280mm Bowed
71424104	LEGION Press-Fit Stem 11mm X 280mm Bowed
71424105	LEGION Press-Fit Stem 12mm X 280mm Bowed
71424106	LEGION Press-Fit Stem 13mm X 280mm Bowed
71424107	LEGION Press-Fit Stem 14mm X 280mm Bowed
71424108	LEGION Press-Fit Stem 15mm X 280mm Bowed
71424109	LEGION Press-Fit Stem 16mm X 280mm Bowed
71424111	LEGION Press-Fit Stem 18mm X 280mm Bowed
71424113	LEGION Press-Fit Stem 20mm X 280mm Bowed
71424115	LEGION Press-Fit Stem 22mm X 280mm Bowed
71424117	LEGION Press-Fit Stem 24mm X 280mm Bowed

### LEGION<sup>®</sup> Cemented Stem Straight

Cat. No.	Description
71424182	LEGION Cemented Stem 10mm X 120mm Straight
71424184	LEGION Cemented Stem 12mm X 120mm Straight
71424186	LEGION Cemented Stem 14mm X 120mm Straight
71424188	LEGION Cemented Stem 16mm X 120mm Straight
71424190	LEGION Cemented Stem 18mm X 120mm Straight
71424192	LEGION Cemented Stem 20mm X 120mm Straight
71424202	LEGION Cemented Stem 10mm X 160mm Straight
71424204	LEGION Cemented Stem 12mm X 160mm Straight
71424206	LEGION Cemented Stem 14mm X 160mm Straight
71424208	LEGION Cemented Stem 16mm X 160mm Straight
71424210	LEGION Cemented Stem 18mm X 160mm Straight
71424212	LEGION Cemented Stem 20mm X 160mm Straight

### LEGION Short Stem Extension

Cat. No.	Description
71424161	LEGION Short Stem Extension 10 X 80
71424163	LEGION Short Stem Extension 12 X 80
71424165	LEGION Short Stem Extension 14 X 80

### LEGION Offset Coupler Angled

Cat. No.	Description
71424221	LEGION Offset Coupler Angled

### LEGION Offset Coupler

Cat. No.	Description
71424223	LEGION Offset Coupler 2mm
71424225	LEGION Offset Coupler 4mm
71424227	LEGION Offset Coupler 6mm

### LEGION Male to Male Mini Coupler

Cat. No.	Description
71933693	LEGION Male to Male Mini Coupler 2mm
71933694	LEGION Male to Male Mini Coupler 4mm
71933695	LEGION Male to Male Mini Coupler 6mm

### GENESIS<sup>®</sup> II Round Resurfacing Patella

Cat. No.	Description
71420574	GENESIS II Round Resurfacing Patella 29mm
71420576	GENESIS II Round Resurfacing Patella 32mm
71420578	GENESIS II Round Resurfacing Patella 35mm
71420580	GENESIS II Round Resurfacing Patella 26mm
71926225	GENESIS II Round Resurfacing Patella 38mm
71926226	GENESIS II Round Resurfacing Patella 41mm

### GENESIS II Oval Resurfacing Patella

Cat. No.	Description
71421029	GENESIS II Oval Resurfacing Patella 29mm
71421032	GENESIS II Oval Resurfacing Patella 32mm
71421035	GENESIS II Oval Resurfacing Patella 35mm
71421038	GENESIS II Oval Resurfacing Patella 38mm
71421041	GENESIS II Oval Resurfacing Patella 41mm

### GENESIS II Biconvex Resurfacing Patella

Cat. No.	Description
71420566	GENESIS II Biconvex Resurfacing Patella 23mm
71420568	GENESIS II Biconvex Resurfacing Patella 26mm
71420570	GENESIS II Biconvex Resurfacing Patella 29mm
71420572	GENESIS II Biconvex Resurfacing Patella 32mm

# LEGION<sup>®</sup> Revision Knee Implant Constructs

Femoral	Insert	Tibial Baseplate	Patella
<p>LEGION Constrained Femoral (CoCr)</p> <p>LEGION Constrained Femoral (OXINIUM<sup>®</sup>)</p>	<p>LEGION Constrained Articular Insert</p> <p>LEGION PS High Flex XLPE Insert</p>	<p>LEGION RK Tibial Baseplate</p>	<p>GENESIS<sup>®</sup> II Round Resurfacing Patella</p> <p>GENESIS II Oval Resurfacing Patella</p> <p>GENESIS II Biconvex Resurfacing Patella</p>

## Component Compatibility for LEGION Revision Femoral Components and Inserts

<p>LEGION Constrained Femoral (CoCr)</p> <p>LEGION Constrained Femoral (OXINIUM)</p>		<p>LEGION Constrained Articular Insert</p> <p>LEGION High Flex Insert</p>	
<p><b>Patella</b></p> <p>GENESIS<sup>®</sup> II Round Resurfacing Patella</p> <p>GENESIS II Oval Resurfacing Patella</p> <p>GENESIS II Biconvex Resurfacing Patella</p>	<p><b>Inserts</b></p> <p>LEGION Constrained Articular Insert</p> <p>LEGION PS High Flex XLPE Insert</p> <p>GENESIS II Constrained Insert</p> <p>GENESIS II PS Insert</p> <p>GENESIS II PS High Flex Insert</p>	<p><b>Tibial Baseplate</b></p> <p>LEGION RK Tibial Baseplate</p> <p>GENESIS II Non-Porous Tibial Baseplate</p>	<p><b>Femoral</b></p> <p>LEGION Constrained Femoral (CoCr)</p> <p>LEGION Constrained Femoral (OXINIUM)</p>



Optional Component Compatibility for LEGION® Revision Femoral Components and Baseplates

Optional Component	<p><b>LEGION</b> Constrained Femoral (CoCr)</p> <p><b>LEGION</b> Constrained Femoral (OXINIUM®)</p>	<p><b>LEGION RK</b> Tibial Baseplate</p>
	<p>LEGION Screw-On Distal Femoral Wedge</p> <p>LEGION Screw-On Posterior Femoral Wedge</p> <p>LEGION Screw-On L Femoral Wedge</p> <p>LEGION Distal Wedge Screw</p> <p>LEGION Posterior Wedge Screw</p> <p>LEGION Locking Set Screw</p> <p>LEGION Femoral Cone</p> <p>LEGION Press-Fit Stem</p> <p>LEGION Cemented Stem Straight</p> <p>LEGION Short Stem Extension</p> <p>LEGION Offset Coupler</p> <p>LEGION Offset Coupler Angled</p> <p>LEGION Male to Male Mini Coupler</p>	<p>LEGION Finned Tibial Wedge</p> <p>LEGION RK/HK Hemi Stepped Tibial Wedge</p> <p>LEGION RK/HK Full Tibial Wedge</p> <p>Tibial Wedge Screw</p> <p>LEGION Locking Set Screw</p> <p>LEGION Tibial Wedge Lug</p> <p>LEGION Tibial Cone</p> <p>LEGION Press-Fit Stem</p> <p>LEGION Cemented Stem Straight</p> <p>LEGION Short Stem Extension</p> <p>LEGION Offset Coupler</p> <p>LEGION Offset Coupler Angled</p> <p>LEGION Male to Male Mini Coupler</p>

## LEGION® Revision Component Size Compatibility

LEGION RK Component	Compatible Component	Size
LEGION Constrained Femoral (CoCr)	LEGION Constrained Articular Insert	Size 1-8, 9 mm
	LEGION PS High Flex XLPE Insert	Size 1-8, 9-13 mm, 15mm, 18mm, 21 mm
	GENESIS® II PS Insert	Size 1-8, 9-25 mm
	GENESIS II PS High Flex Insert	Size 1-8, 9-25 mm
	GENESIS II Constrained Insert	Size 1-8, 11-30 mm
	GENESIS II Round Resurfacing Patella	26 – 41 mm
	GENESIS II Oval Resurfacing Patella	29 – 41 mm
	GENESIS II Biconvex Patella	23 – 32 mm
	LEGION Screw-On Distal Femoral Wedge	Size 2-8, 5-15 mm
	LEGION Screw-On Posterior Femoral Wedge	Size 1-8, 5-10 mm
	LEGION Screw-On L Femoral Wedge	Size 2-8, 5Dx5P, 10Dx5P, 15Dx5P Size 3-8, 5Dx10P, 10Dx10P, 15Dx10P
	LEGION Distal Wedge Screw	5-15 mm
	LEGION Posterior Wedge Screw	5-10 mm
	LEGION Locking Set Screw	N/A
	LEGION Femoral Cone	18-30 mm, RT/LT
	LEGION Press-Fit Stem	9 – 24 mm x 120 mm 9 – 24 mm x 160 mm Straight - 10 – 24 mm x 220 mm Bowed - 10 – 24 mm x 220 mm Bowed - 10 – 24 mm x 280 mm
	LEGION Short Stem Extension	10-14 mm x 80 mm
	LEGION Cemented Stem Straight	10 – 20 mm x 120 mm 10 – 20 mm x 160 mm
	LEGION Offset Coupler	2 – 6 mm
	LEGION Offset Coupler Angled	N/A
LEGION Male to Male Mini Coupler	2 – 6 mm	
LEGION Articular Constrained Inset	LEGION Constrained Femoral (CoCr)	Size 2-8 LT/RT
	LEGION Constrained Femoral (OXINIUM)	Size 2-8 LT/RT
	LEGION Revision Tibial Baseplate	Size 1-8, LT/RT
LEGION PS High Flex Insert	GENESIS II Non-Porous Tibial Baseplate (Cemented)	Size 1-8, LT/RT

LEGION° RK Component	Compatible Component	Size
LEGION RK Tibial Baseplate	LEGION Constrained Articular Insert	Size 1-8, 9 mm
	LEGION PS High Flex XLPE Insert	Size 1-8, 9-13 mm, 15mm, 18mm, 21 mm
	GENESIS° II PS Insert	Size 1-8, 9-25 mm
	GENESIS II PS High Flex Insert	Size 1-8, 9-25 mm
	GENESIS II Constrained Insert	Size 1-8, 11-30 mm
	LEGION Finned Tibial Wedge	Size 2-8, 10-20 mm RT/LT
	LEGION RK/HK Hemi-Stepped Tibial Wedge	Size 1-8, 5 - 15 mm LL/RM Size 1-8, 5 - 15 mm LM/RL
	LEGION RK/HK Full Tibial Wedge	Size 1-8, 10 and 15 mm
	LEGION Locking Set Screw	N/A
	Tibial Wedge Screw	N/A
	LEGION Tibial Wedge Lug	10 and 15 mm
	LEGION Tibial Cone	18-30 mm, Short/Long
	LEGION Press-Fit Stem	9 – 24 mm x 120 mm 9 – 24 mm x 160 mm Straight - 10 – 24 mm x 220 mm Bowed - 10 – 24 mm x 220 mm Bowed - 10 – 24 mm x 280 mm
	LEGION Cemented Stem Straight	10 – 20 mm x 120 mm 10 – 20 mm x 160 mm
	LEGION Short Stem Extension	10 – 14 mm x 80 mm
	LEGION Offset Coupler Angled	N/A
	LEGION Offset Coupler	2 – 6 mm
	LEGION Male to Male Mini Coupler	2 – 6 mm

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**Smith & Nephew Inc.**

1450 Brooks Road  
Memphis, TN 38116  
USA

[www.smith-nephew.com](http://www.smith-nephew.com)

Telephone: 1-901-396-2121  
Information: 1-800-821-5700  
Orders and Inquiries: 1-800-238-7538

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