Surgical Technique

smith&nephew

LEGION®

Total Knee System

LEGION TKS

Distal Cut First Preparation with Universal Instruments

LEGION◇ Total Knee System
Distal Cut First Preparation

Primary Total Knee Arthroplasty

Contents

Nota Bene

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

Additional LEGION Total Knee System surgical technique brochures are available for the other LEGION components and sets. LEGION instruments listed within reflect examples in the LEGION Universal Instrument Set.

Introduction

The LEGION® Total Knee System has been designed to offer the orthopaedic surgeon solutions to address intraoperative situations. Implant function is directly related to accurate surgical technique. The instrumentation can be used in minimally invasive or standard exposures.

Technique highlights

Distal femoral resection

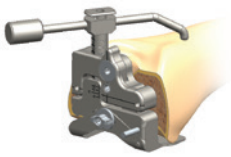
Use the 9.5mm drill to open up the femoral canal and slide the valgus alignment assembly until at least one side contacts the distal femur.

After the assembly is placed in neutral rotation, impact the floating spikes into the distal femur and secure the distal block with pins.

Remove the IM rod, unlock the lever on the valgus alignment guide and remove the valgus alignment assembly using the universal extractor.

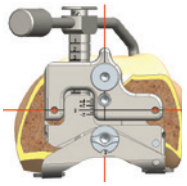
Resect the distal femur.

Position the sizing guide flush against the distal femur, while ensuring that the posterior paddles are contacting the underside of both posterior condyles.



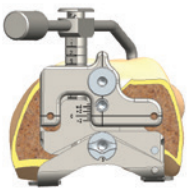
To set rotation

Pin through lateral pivot pinhole, located on the lower lateral corner of the sizing guide. Adjust external rotation of the sizing guide by turning the rotational adjustment knob clockwise (0-6°).



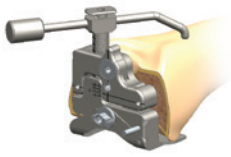
Fixed posterior referencing

Ensure the sizing guide is set in the '0' position. Drill and insert two pins through the locator holes of the sizing guide. Determine the size of the component by the graduations on the stylus. If the femur is in-between two sizes, choose the larger size.

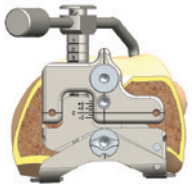


Adjustable anterior referencing

Position the sizing guide stylus so that it contacts the lateral ridge of the anterior cortex and determine the size from the graduations on the shaft of the stylus.



If the indicated size is in-between two sizes, turn the upper hex screw clockwise to the next lower size for anterior referencing or turn the upper hex screw counterclockwise to the next larger size. To lock in position, tighten the locking hex screw. Drill to mark the locator holes for the A/P cutting block.



Place the correctly sized A/P cutting block on the distal femur and make anterior, posterior and chamfer cuts.

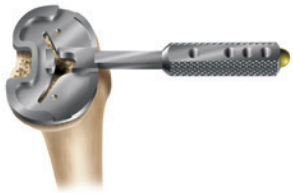
Tibial resection

Place the extramedullary tibial guide with the non-spiked (shown) or spiked rod and place on tibia. Align guide over medial third of the tibial tubercle and parallel to the tibia.

Attach the tibial stylus to the tibial cutting block and lower the cutting block until the stylus touches the low point on the least affected side of the tibia. Once the resection level is determined, insert pins to secure and remove alignment assembly.

Resect the proximal tibia.

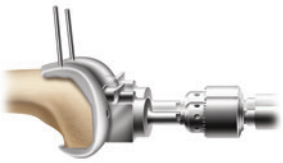
Size the tibia.



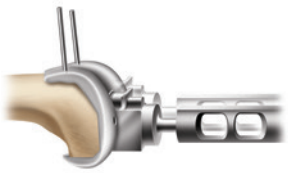
Posterior stabilized housing resection

Pin trial through anterior flange. Select the Housing Resection Collet matching the femoral trial size (either 1-2 or 3-8).

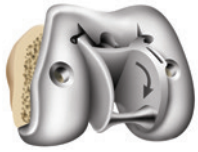
Ream through the collet in the anterior position until the depth stop makes contact. Remove the reamer and move the collet to the posterior position. Ream through the collet once more until contact is made.



Impact the Housing Box Chisel anteriorly and then posteriorly through the Housing Resection Collet to square the corners of the PS box resection.



Select the appropriate size femoral trial cam module, insert the arms of the cam module into the anterior aspect of the femoral trial box and rotate posteriorly.



Final preparation

After trial range of motion and alignment checks, select the appropriate trial fin punch and punch through the trial.

Place the femoral implant on the femur and use the femoral impactor to fully seat the implant.

Apply tibial baseplate cover to protect tibial baseplate.

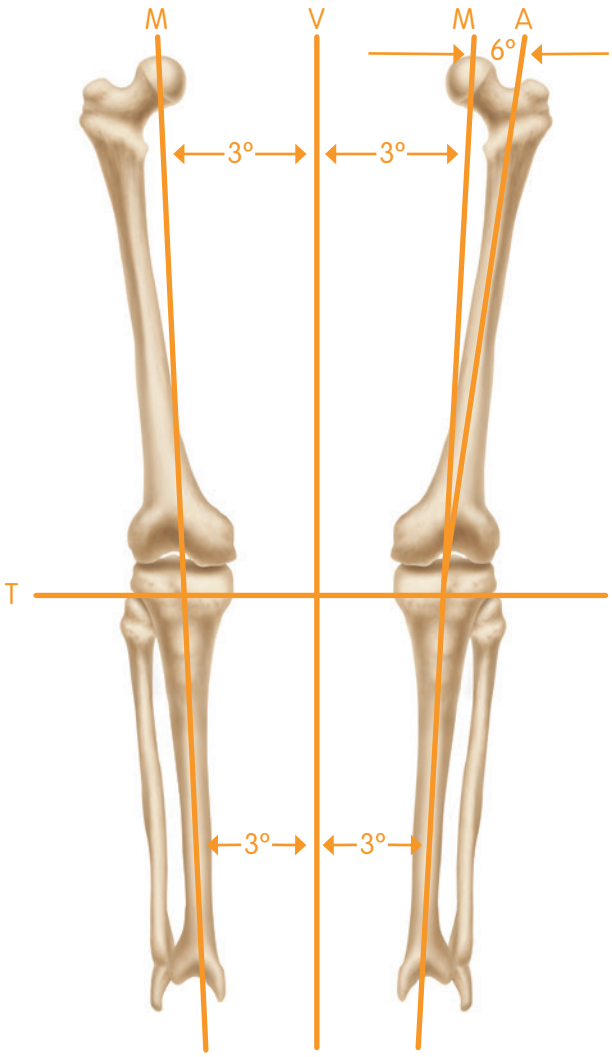
Seat the tibial implant with the tibial impactor.

Insert the articular insert by placing the insert assembly tool into the center notch of the anterior lock detail (handle up) and engage the two tabs of the tool into the two recesses on the anterior periphery of the insert. Squeeze the tool handle until the insert is fully seated within the tibial component.

Preoperative planning

Determine the angle between the anatomical and the mechanical axes. This measurement will be used intraoperatively to select the appropriate valgus angle so that correct limb alignment is restored. (Beware of misleading angles in knees with a flexion contracture or rotated lower extremities.)

Tip Many surgeons prefer to simply select a standard angle for the distal femoral cut (ie, 5°, 6° or 7°) based on the patient and surgical experience.



M = Mechanical Axis

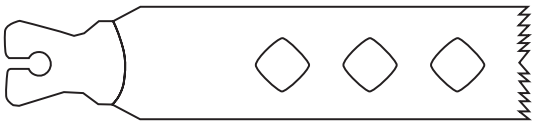
A = Anatomical Axis

T = Transverse Axis

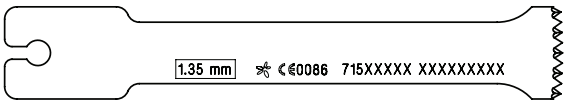
V = Vertical Axis

Recommended sawblades

1.27 Sawblade (for standard blocks)
Cutting thickness and blade thickness should be 0.050" or 1.27mm.



1.35 Sawblade (for MIS blocks)
Cutting thickness and blade thickness should be 1.35mm.



Instrument assembly

IM femoral assembly

1 Attach the selected valgus angle bushing (5°, 6° or 7°) to the valgus alignment guide. Check the bushing position to make sure that 'left' is facing anteriorly when operating on a left knee and 'right' is facing anteriorly when operating on a right knee.

2 Attach a modular T-handle to the IM rod and insert through the alignment assembly (Figure 1).

3 Assemble the distal femoral cutting block onto the valgus alignment guide. Positioning the block at the 'primary' resection level will ensure the cut will equal the distal thickness of the femoral prosthesis. Lock by pressing the lever in a horizontal position toward the medial side.

Figure 1

Extramedullary tibial alignment guide

Insert the ankle clamp into the distal end of the alignment tube and thread the locking pin into the ankle clamp (Figure 2).

After the ankle clamp is moved into the proper position, lock into place with the gold knob.

Choose the correct left or right tibial cutting block. Select the spiked or non-spiked fixation rod.

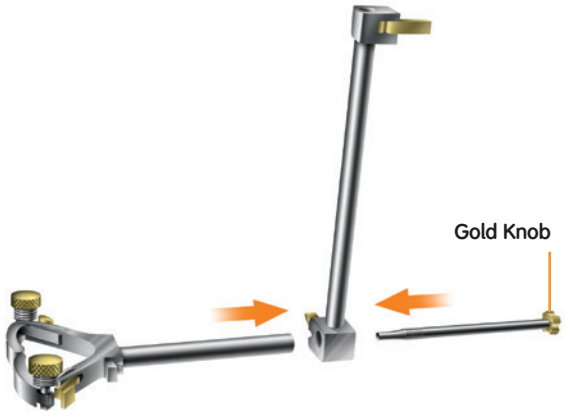


Figure 2

Valgus Bushing		Alignment Guide	T-handle	IM Rod		Distal Cutting Block	Ankle Clamp
5°	71440014	71441144	71110080	Long	71512040	71441147	71440444
6°	71440016			Short	71512035		Alignment Tube 71440448
7°	71440018						

Non-spiked fixation rod

Place the appropriate left or right tibial cutting block on top of the disc on the non-spiked fixation rod (Figure 3). Tighten the central knob to lock the block into position.

Introduce the rod into the extramedullary assembly and adjust and lock the cam in the assembly.

Spiked fixation rod

Place the spiked fixation rod through the hole in the tibial cutting guide; adjust the block and tighten the central knob to lock the block into position.

Introduce the spiked fixation rod into the proximal end of the alignment assembly and adjust and lock the cam on the assembly (Figure 4).

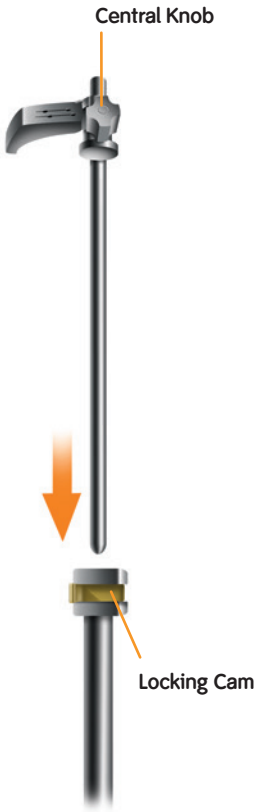


Figure 3

Figure 4

Tibial Cutting Block		Non-spiked Fixation Rod	Spiked Fixation Rod
Left	71441136		71440198
Right	71441137	71440446	

DCF Femoral resection

Intramedullary alignment

1 Open the femoral canal with a 9.5mm intramedullary drill (Figure 5).

Tip If desired, the distal femoral cutting block may be set to resect an additional +2, +5 or +7mm of bone.

2 Slide the intramedullary rod of the assembly into the femoral canal until the alignment guide contacts the distal femur (Figure 6).

Tip There may be times when only one side of the guide will touch bone.

3 Orient rotation of the assembly neutral to the posterior condyles (Figure 7) and impact one or both of the floating spikes into the distal femur.

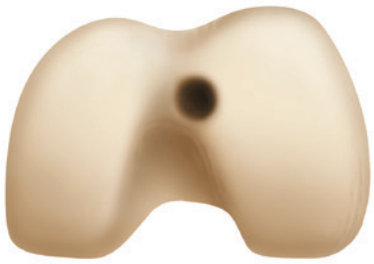


Figure 5

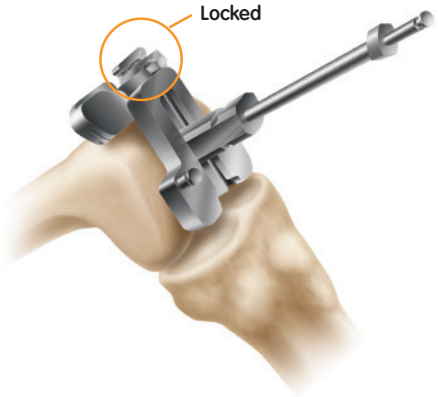


Figure 6

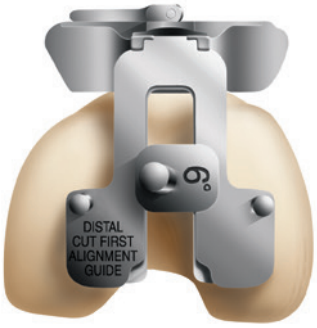


Figure 7

Valgus Bushing		Alignment Guide	T-handle	IM Rod		Distal Cutting Block	IM Drill
5°	71440014	71441144	71110080	Long	71512040	71441147	74012111
6°	71440016			Short	71512035		
7°	71440018						

Distal resection

1 Using non-headed pins, pin the distal femoral cutting block to the anterior femur using the holes marked '0'. Once adequate distal femoral resection is noted, an additional headed or non-headed pin should be placed obliquely to provide additional stability (Figure 8).

2 Unlock the lever on the valgus alignment guide, remove the intramedullary rod and the valgus alignment assembly using the universal extractor (Figure 9). Only the distal femoral cutting block should remain on the femur.

3 Resect the distal femur (Figure 10) then remove the distal femoral cutting block.

Tip If the distal femoral resection is not adequate, remove the oblique pin, and reposition the block through the pin holes marked +2 or +4mm for the desired level of resection and re-insert the oblique pin.

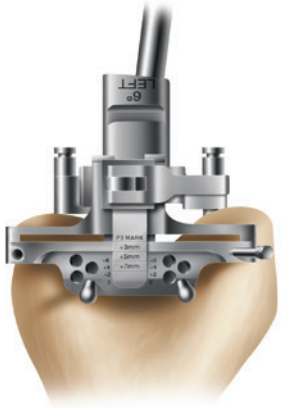


Figure 8

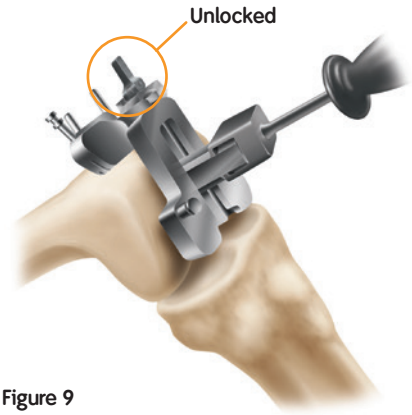


Figure 9

Figure 10

Valgus Bushing		Alignment Guide	Universal Extractor	IM Rod		Distal Cutting Block
5°	71440014	71441144	71440366	Long	71512040	71441147
6°	71440016			Short	71512035	
7°	71440018					

Sizing guide procedure

The sizing guide allows for external rotation to be set from 0-6° based on surgeon preference and patient anatomy. Rotational alignment may be checked by aligning the A/P axis with the pointer on the sizing guide or by ensuring that the laser marked lines on the face of the guide are parallel with the epicondylar axis. The rotational adjustment knob on the lower portion of the guide is turned to dial in rotation (Figure 11).

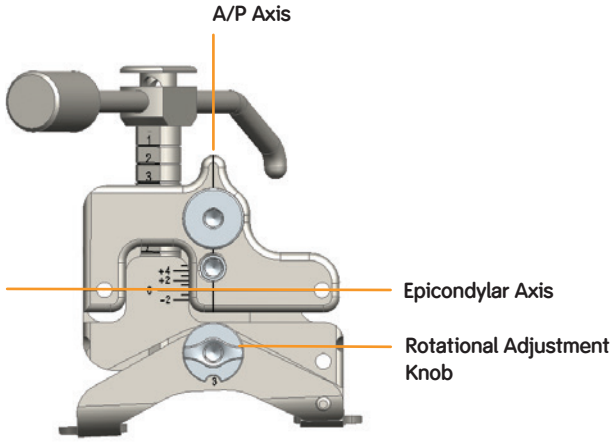


Figure 11

The guide can be used for fixed posterior referencing or can be adjusted anteriorly or posteriorly for fine tuning. When in-between sizes, the surgeon can choose to adjust sizing up to 4mm anteriorly, thereby taking up to an additional 4mm off the posterior condyles, or up to 2mm posteriorly, taking up to an additional 2mm off of the anterior cortex.

If the anterior surface of the guide is in-between two sizes when it is at the zero position, the upper hex screw can be rotated to shift the anterior face of the sizing guide up to the next smaller size or down to the next larger size on the stylus. As a result, the locator holes for the A/P cutting block are shifted either anteriorly or posteriorly to align with the next implant size (Figure 12).

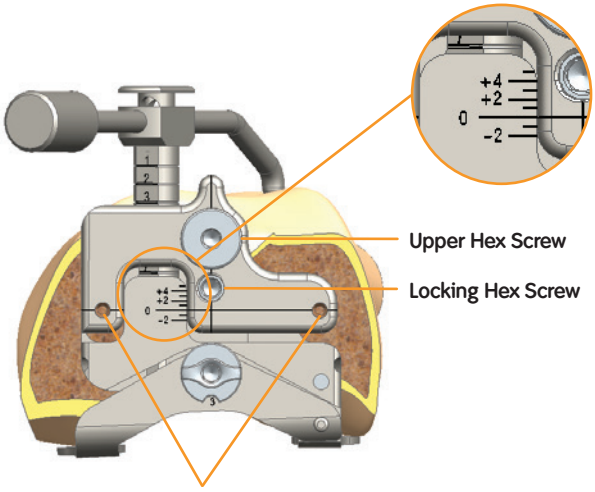


Figure 12

Tip The gap between the top of the sizing guide and the stylus graduation line indicates how much bone will be removed from either the anterior cortex or posterior condyles by choosing the next larger size (Figure 13).

Figure 13

Sizing Guide		Sizing Stylus	Hex Screwdriver
Left	71440007	71441140	115035
Right	71440008		

Sizing guide procedure: rotation

1 Flex the knee, approximately 90° so the posterior condyles are accessible.

2 Choose appropriate sizing guide, '**Left**' for a left knee and '**Right**' for a right knee.

3 Position the femoral sizing guide flush against the distal femur, while ensuring the posterior paddles are contacting the underside of both posterior condyles. Once correct position of sizing guide is established, place a pin through lateral pivot pinhole located in the posterior/ lateral corner on the face of the sizing guide (Figure 14).

4 Adjust the external rotation of the sizing guide to be aligned anatomically with the epicondylar and/or A/P axis. This can be achieved by turning the rotational adjustment knob (0-6°) using a hex screwdriver (Figure 15).

5 Once rotation is set, sizing can be established either by fixed posterior referencing or adjustable referencing.

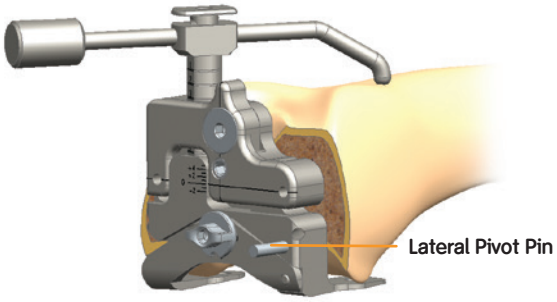


Figure 14

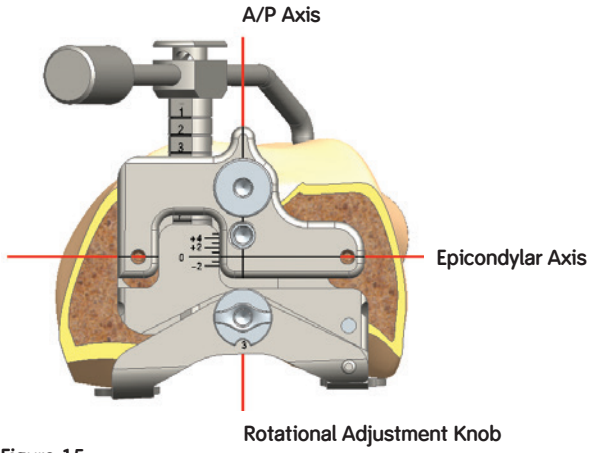


Figure 15

Sizing Guide		Sizing Stylus	Hex Screwdriver
Left	71440007	71441140	115035
Right	71440008		

Sizing guide procedure: fixed posterior referencing

1 Ensure that the anterior surface of the sizing guide is set in the '0' position.

2 Drill and insert two pins through the locator holes of the sizing guide to secure the guide.

3 Position the sizing guide stylus so that it contacts the lateral ridge of the anterior femoral cortex (highest point on the anterior cortex of the femur) (Figure 16).

4 Determine the size of the component from the graduations on the shaft of the stylus.

5 If the femur is between sizes, chose the larger size.

6 Remove the pins and the sizing guide.

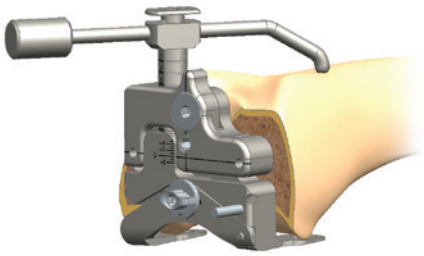


Figure 16

Sizing Guide		Sizing Stylus	Hex Screwdriver
Left	71440007	71441140	115035
Right	71440008		

Sizing guide procedure: adjustable anterior referencing

1 Ensure that the anterior surface of the sizing guide is set in the '0' position.

2 Drill and insert two pins through the oblique holes of the sizing guide to secure the guide.

3 Position the sizing guide stylus so that it contacts the lateral ridge of the anterior femoral cortex (highest point on the anterior cortex of the femur) (Figure 17).

4 Determine the size of the component from the graduations on the shaft of the stylus.

5 If the indicated size is in-between sizes, you can turn the upper hex screw to shift the anterior surface up to an additional 4mm to the next smaller size or down an additional 2mm to the next larger size (Figures 18a and b). Once the appropriate size is selected, turn the locking hex screw to lock the anterior surface and locator holes into position (Figure 17).

6 Drill the locator holes to set the position for the cutting block.

7 Remove the pins and sizing guide.

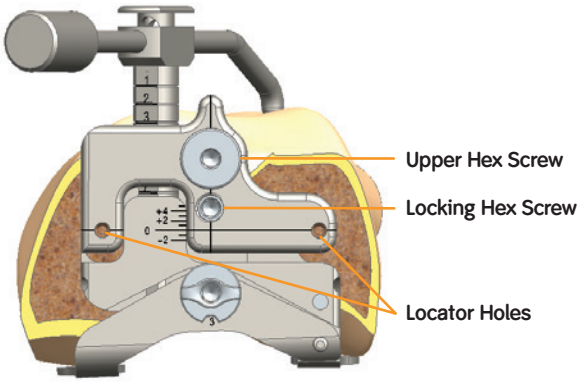
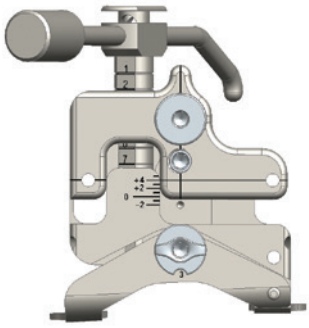
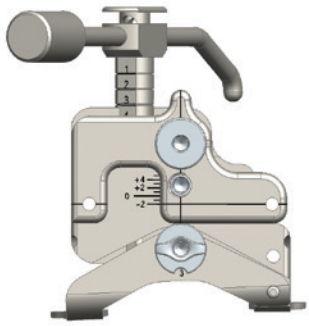


Figure 17



Anterior Reference Shift of 4mm

Figure 18a



Posterior Reference Shift of 2mm

Figure 18b

Sizing Guide		Sizing Stylus	Hex Screwdriver
Left	71440007	71441140	115035
Right	71440008		

A/P resection

1 Position the fixed spikes on the A/P cutting block into the predrilled holes.

Tip It is not necessary that the block be centered M/L on the distal femur.

2 Ensure that the cutting block is flush with the resected distal femur. Several holes in the A/P block allow fixation of the block. Place one pin centrally through one of the middle holes just medial or lateral to the quick-connect attachment. For additional stability, a headed pin may be placed through the holes on the medial or lateral side of the block (Figure 19).

3 Complete the anterior, posterior and chamfer cuts (Figures 20-23). The block is designed to allow for angling of the sawblade during the cuts.

Tip To maintain block stability, the anterior chamfer cut should be completed last.

Figure 19

Figure 20

Figure 21

Figure 22

Figure 23

A/P Cutting Block
sz 5 71441153

Downsizing the femoral component

1 Attach the downsizing drill guide to the cut femur, placing the spikes on the back of the plate into the same location holes used for the A/P cutting block (Figure 24).

2 Drill new location holes through the downsizing drill guide (shifted 2mm anterior).

3 Place the smaller A/P cutting block into the new location holes. Redo the posterior, anterior and chamfer cuts.

Tip It is useful to mark the original pin track holes with a marking pen in order to properly identify the new holes.

Figure 24

Downsizing Drill Guide
71440860

Extramedullary (EM) tibial resection

EM tibial preparation

When using the extramedullary tibial alignment, the surgeon may use a non-spiked or spiked fixation rod.

Non-spiked fixation

1 Place the arms of the extramedullary alignment clamp around the ankle, and adjust the distal M/L slide directly over the middle of the tibiotalar joint, which is also approximated by the second ray of the foot proximal to the malleoli (Figure 25).

The cutting block on the proximal end of the assembly should be proximal to the tibial tubercle (Figure 26).

2 Assess rotation of the alignment guide and slope of the cutting plane. The goal is to align the extramedullary alignment assembly rotationally so that it aligns over the medial third of the tibial tubercle and over the second toe (Figure 27).

3 Rotational alignment is critical due to the 3° posterior sloped cut. The slope can be adjusted according to the patient's anatomy (Figure 28).

Note 3-5° of slope is built into the articular insert (depending on which insert is chosen) and 3° of slope is built into the tibial cutting block. A neutral or slightly sloped alignment should usually be chosen.

Tip Neutral or minimally sloped alignment may be achieved by palpating the fibula followed by aligning the alignment guide parallel to the fibula. Tibial bowing and soft tissue bulk may make external tibial referencing unreliable.

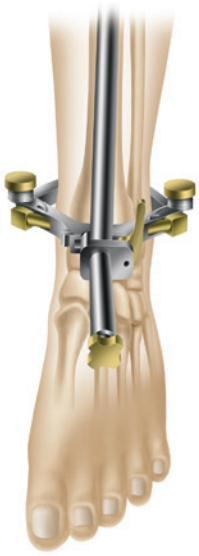


Figure 25

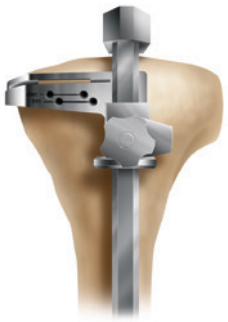


Figure 26

Figure 27

Figure 28

Ankle Clamp	Alignment Tube	Tibial Cutting Block		Non-spiked
71440444	71440448	Left	71441136	Fixation Rod
		Right	71441137	71440446

Spiked fixation

1 Place the arms of the extramedullary alignment clamp around the ankle, and adjust the distal M/L slide directly over the middle of the tibiotalar joint, which is also approximated by the second ray of the foot proximal to the malleoli (Figure 29).

The cutting block on the proximal end of the assembly should be proximal to the tibial tubercle (Figure 30).

2 Impact the longer spike of the spiked fixation rod into the proximal tibia (Figure 31).

3 Assess rotation of the alignment guide and slope of the cutting plane. The goal is to align the extramedullary alignment assembly rotationally so that it aligns over the medial third of the tibial tubercle and over the second toe (Figure 32).

4 Rotational alignment is critical due to the 3° posterior sloped cut. The slope can be adjusted according to the patient's anatomy (Figure 33). Impact the second spike to secure the assembly (Figure 34).

Note 3-5° of slope is built into the articular insert (depending on which insert is chosen) and 3° of slope is built into the tibial cutting block. A neutral or slightly sloped alignment should usually be chosen.

Tip Neutral or minimally sloped alignment may be achieved by palpating the fibula followed by aligning the alignment guide parallel to the fibula. Tibial bowing and soft tissue bulk may make external tibial referencing unreliable.

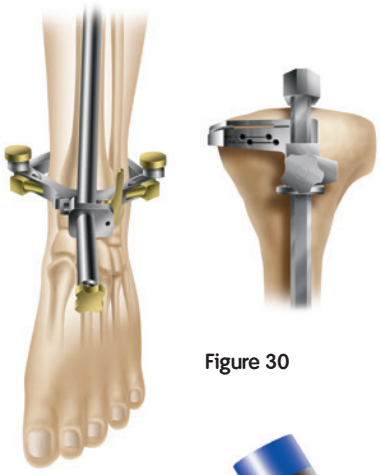


Figure 29

Figure 30

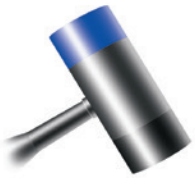


Figure 31

Figure 32

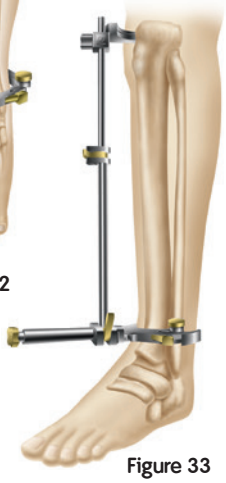


Figure 33

Figure 34

Ankle Clamp	Alignment Tube	Tibial Cutting Block		Spiked Fixation Rod
71440444	71440448	**Left**	71441136	71440198
		Right	71441137	

Tibial resection

1 Attach the tibial stylus to the tibial cutting block by inserting the stylus foot into the cutting slot.

2 Lower the cutting block until the stylus touches the low point on the least affected side of the tibia (Figure 35). The stylus can be adjusted for a 1-13mm tibial resection by twisting the knob on top of the stylus. If the affected side of the tibia is to be used as a reference, the stylus may be adjusted for a 1-9mm resection level.

Figure 35

3 Pin the tibial cutting block to the tibia by inserting pins first through the central holes; then the oblique hole.

Tip Pinning through the central holes marked 0mm with smooth pins will allow the block to be moved +2mm should additional resection be required (Figure 36).

Figure 36

Tip A 9mm resection is recommended since 9mm of metal and plastic is the thinnest available component.

Tip To do an extramedullary alignment check, place the extramedullary alignment rod through the tibial cutting block.

4 To remove the assembly:

a For the assembly with spiked rod, release the cam at the top of the alignment tube and use the universal extractor to remove the spiked fixation rod (Figure 37) after loosening the thumbscrew.

b The assembly with the non-spiked rod may be left in place or removed by loosening the thumbscrew and lowering the non-spiked rod to disengage from the tibial cutting block.

Figure 37

Tibial Stylus	Alignment Rod	Tibial Cutting Block	
71441143	71441148	**Left**	71441136
		Right	71441137

5 Cut the tibia by first directing the blade in the posterior direction and then laterally (Figure 38).

Figure 38

Check Alignment and Balance

1 Assemble the Quick Connect Handle to the Flexion/Extension block. Attach desired thickness of Flexion/Extension Spacer onto the Flexion/Extension block.

2 Insert the Flexion/Extension block into the extension gap. Evaluate alignment, balance, and extension space (Figure 39)

3 Adjust the thickness of the spacer as needed to determine the extension space.

4 Remove the block and reassemble desired thickness of spacer for flexion gap evaluation.

5 With the knee flexed to 90 degrees, place the Flexion/Extension Block into the joint space.

6 Apply a varus/valgus force and assess the medial and lateral compartment laxity levels of the flexion space. Then adjust the thickness of the spacer as needed to determine the flexion space.

7 When the flexion space is determined, compare the thickness selected relative to the extension space previously determined.

Note: Remember any difference between the Extension and Flexion Gap Assessments as this will affect how the femoral implant is positioned in the steps ahead (e.g. 10mm Ext - 11mm Flex = -1mm Flex Imbalance).

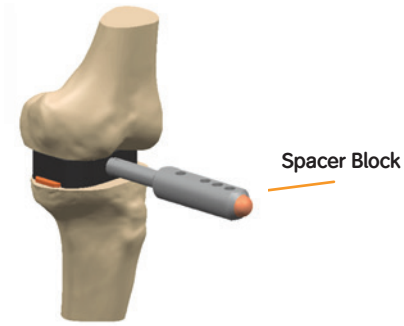


Figure 39

Universal Extractor
71440366

Tibial Cutting Block
Left 71441136
Right 71441137

Flexion/Extension Block Standard
74018603

Flexion/Extension Spacers
9mm 74018608
11mm 74018611
13mm 74018613
15mm 74018615
18mm 74018618
21mm 74018621

Quick Connect Handle
71440044

Tibial sizing

Option A – stemless tibial trials

1 Attach a quick-connect handle to a stemless trial one size below the femoral component size and place on the cut tibia to assess coverage (Figure 40). As needed, additional sizes should be templated using the stemless trials.

2 Once the appropriate size is determined, pin the medial side of the selected stemless trial with a short headed pin.

3 Place a trial insert into the stemless tibial trial tray and perform a trial range of motion to allow the baseplate to center on the femoral trial. (As a secondary check, the surgeon may pass the alignment rod through the quick-connect handle to assess alignment) (Figure 41). Pin the lateral side of the trial.

Tip After putting the knee through a trial range of motion, the surgeon should note the proper rotation of the trial tibial component on the proximal tibia and mark the tibia for future reference.

Tip The center-line marks on the femoral and tibial trial components should line up.

4 Using the tibial fin/stem punch, rotational alignment may be set now or at the time of trial placement.

Tip If the tibial bone is sclerotic, first drill for the stem using the 11mm tibial drill. Begin the fin slot with a burr or thin sawblade before using the fin punch to prevent tibial fracture.

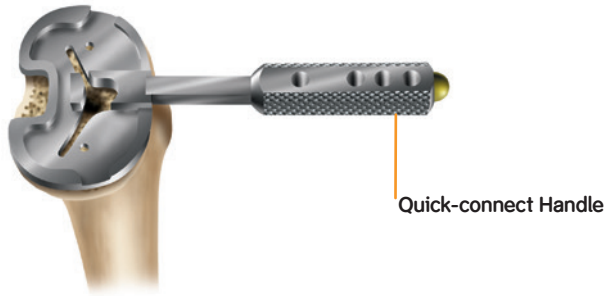


Figure 40

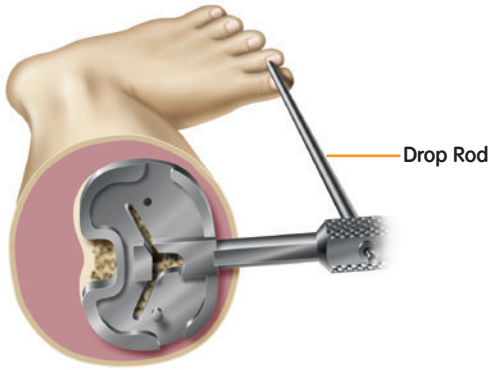


Figure 41

Quick-connect Handle	Stemless Trials	Fin/Stem Punch	11mm Tibial Drill
71440044	**Left** sz 4 71430167 **Right** sz 4 71430183	sz 3-4 71449993	71440040

Option B – stemmed tibial trials (NOT AVAILABLE IN UNIVERSAL INSTRUMENT SETS)

1 Place a tibial drill guide one size below the femoral component size on the cut tibia to assess coverage. As needed, additional sizes should be templated (Figure 42).

2 Once the tibial drill guide has been centralized on the proximal tibia, pin the drill guide in place. Retract the gold collar on the drill guide handle and insert the 11mm tibial collet.

3 With the 11mm tibial collet in place, drill with the 11mm tibial drill (Figure 43) and punch with the 11mm tibial punch (Figure 44).

4 Remove the tibial drill guide.

5 Place the stemmed tibial trial into the prepared hole.

6 Using the tibial fin punch, rotational alignment may be set now or at the time of trial placement.

Tip After putting the knee through a trial range of motion, the surgeon should note the proper rotation of the trial tibial component on the proximal tibia and mark the tibia for future reference.

Tip The center-line marks on the femoral and tibial trial components should line up.

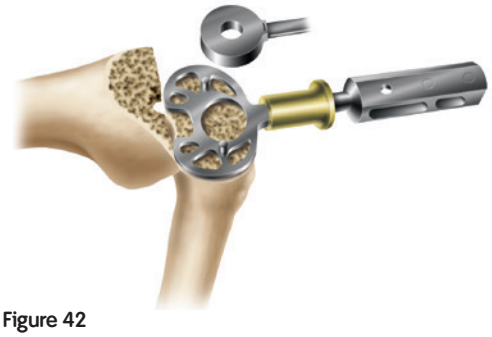


Figure 42

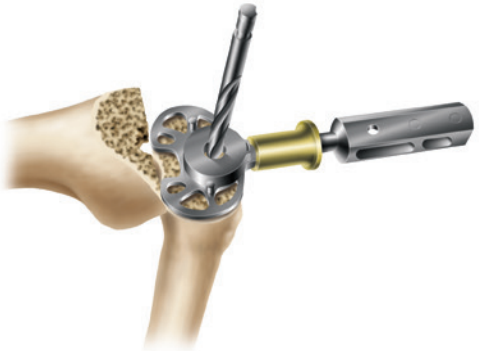


Figure 43

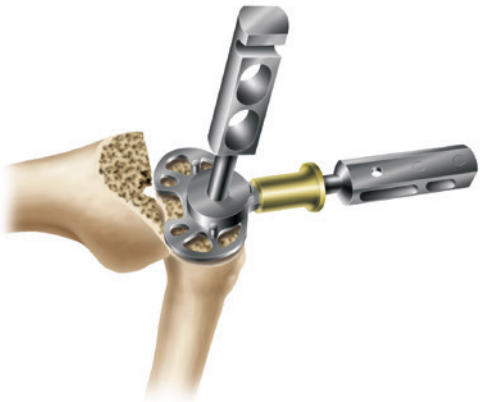


Figure 44

11mm Tibial Punch	11mm Tibial Drill	Stem Trials	Fin/Stem Punch
71440262	71440040	**Left**	sz 3-4 71440266
		sz 4 71430166	
		Right	
		sz 4 71430182	

Component trialing

Femoral component trialing

1 Flex the knee to 90° and insert the femoral trial using the femoral trial impactor (Figure 45).

2 Perform a trial range of motion to assess patellar tracking. With cruciate-retaining knees, medial/lateral placement of the femoral trial can be adjusted to optimize patellar tracking (Figure 46).

3 For cruciate-retaining femorals, prepare the femoral lug holes through the femoral trial with the femoral lug punch (Figure 47).

Note: This step is also required for cemented posterior-stabilizing femorals using femoral lugs or Flex-Lok pegs.

Note: It is recommended to leave the femoral trial on at this point to perform full component trialing. However, if desired, you may attach the end of the universal extractor to the femoral trial and remove the femoral trial (Figure 48).

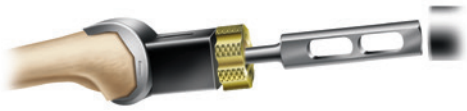


Figure 45

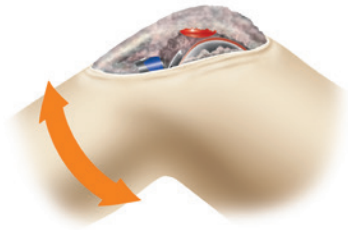


Figure 46

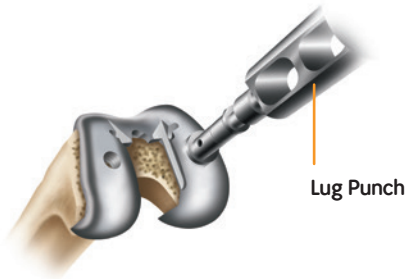


Figure 47

Figure 48

Femoral Trial		Femoral Trial	Lug Punch	Universal Extractor
Left		**Impactor**	71440183	71440366
sz 5	71433345	71440009		
Right				
sz 5	71433355			

Posterior stabilized resection

Femoral housing box resection

1 Pin the femoral trial through the anterior flange (Figure 49).

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 sliding the Housing Collet (anterior to posterior) into the slots on the distal face of the femoral trial and threading the two posts into the femoral trial. The Housing Collet should be secured in the anterior position first and then shifted to the posterior position
and screwed (Figure 50).

Figure 49

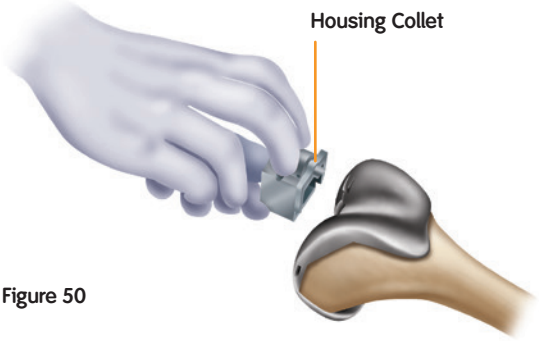


Figure 50

Femoral Trial
Left
sz 5 71433345
Right
sz 5 71433355

Housing Collet
Resection
sz 3-8 71434424

3 Attach the Housing Reamer Dome and the PS Reamer Sleeve to the Patellar Reamer Shaft (Figure 51).

Ream through the housing resection Collet in both the anterior and posterior positions until the depth stop contacts the Collet (Figure 52).

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 then posteriorly to ensure that the full length of the box is prepared (Figure 53).

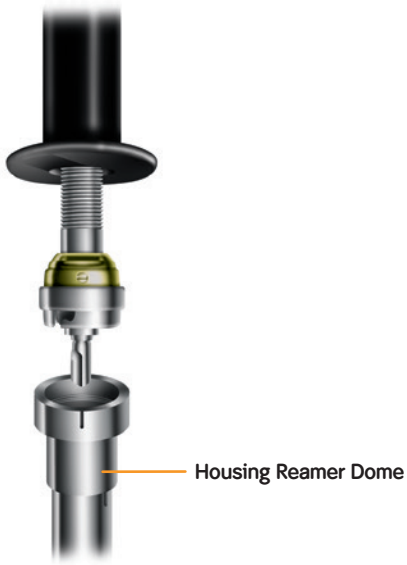


Figure 51

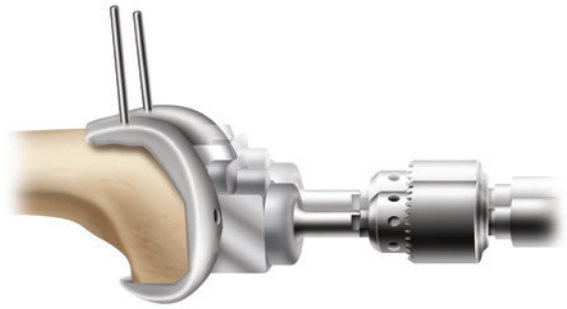


Figure 52

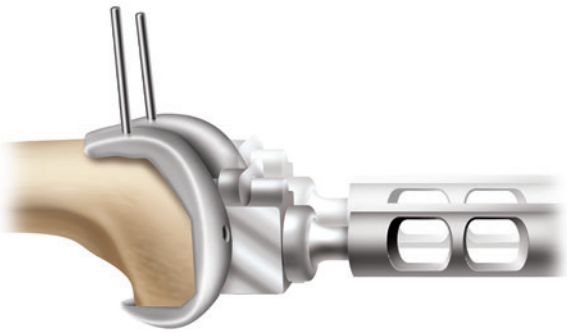


Figure 53

Housing Reamer Dome	Housing Box Chisel	Patellar Reamer Shaft	Reamer Sleeve
71440145	71440373	71440324	71440464

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 posteriorly until seated (Figures 54 and 55).

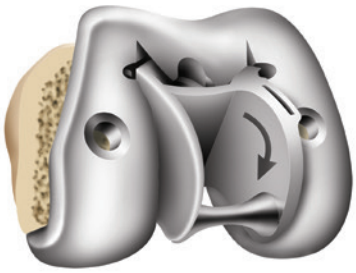


Figure 54

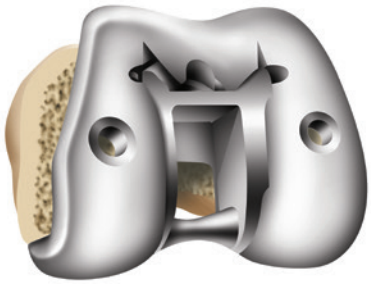


Figure 55

Cam Modules		Femoral Trial	
sz 5	71433365	**Left**	
		sz 5	71433345
		Right	
		sz 5	71433355

Tibial component trialing

1 Use the appropriate insert trial (begin with a 9mm trial) to determine stability and alignment.

2 Perform a trial range of motion. The alignment marks on the front of the femoral and tibial trials should line up (Figure 56). The quick-connect handle may be attached to the tibial trial and used to set the appropriate rotational alignment.

Optional Extend the knee fully with the handle attached to the tibial trial. Pass the extramedullary rod through the handle to assess full leg alignment (Figure 57).

Figure 56

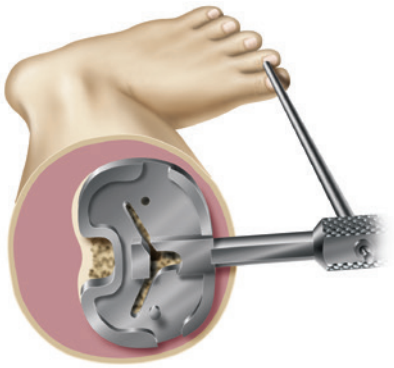


Figure 57

PS High Flex Insert Trials
9mm
sz 3-4 71430408
10mm
sz 3-4 71433453
11mm
sz 3-4 71430409
12mm
sz 3-4 71433454

CR Deep Flex Insert Trials
9mm
sz 3-4 71430444
10mm
sz 3-4 71433443
11mm
sz 3-4 71430445
12mm
sz 3-4 71433444

PS Insert Trials
9mm
sz 3-4 71430815
11mm
sz 3-4 71430817

CR Insert Trials
9mm
sz 3-4 71430490
11mm
sz 3-4 71430492

Constrained Insert Trials
9mm
sz 3-4 71440473
11mm
sz 3-4 71430524

Deep Dished Insert Trials
9mm
sz 3-4 71430766
11mm
sz 3-4 71430768

Insert Trial Spacers
13mm
sz 3-4 74033634
15mm
sz 3-4 74033635
18mm
sz 3-4 74033636
21mm
sz 3-4 74033637

Note: 10 and 12mm Insert Trials are an Add-On Set

3 Mark correct tibial rotational alignment on the anterior tibia using a cautery knife (Figure 58).

4 If not previously performed, select the appropriate tibial fin punch to prepare the fins and punch through the tibial trial (Figure 59).

Tip If the tibial bone is sclerotic, begin the fin slot with a burr or thin sawblade before using the fin punch to prevent tibial fracture.

6 Remove the femoral and tibial trials.

Figure 58

Figure 59

Component implantation

Femoral implantation

Cemented

1 Mix and prepare bone cement for femoral component and distal femur. Apply to the femoral component or prepared bone, based on the surgeon's preference.

Tip Many surgeons put cement on the bone rather than, or supplemental to, cement on the underside of the implant.

Note: If using femoral lugs or Flex-Lok pegs with cemented posterior-stabilizing femorals, screw those components into the femoral prior to cement application.

2 Place the femoral implant onto the femur and use the femoral impactor to fully seat the implant (Figure 60).

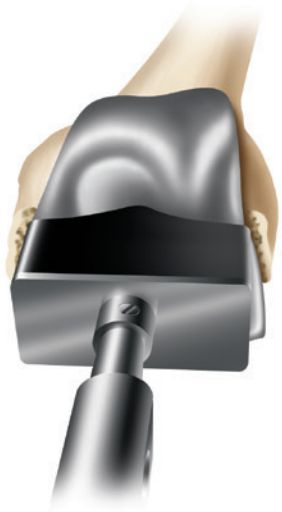


Figure 60

3 Remove excess cement. Extend the knee to remove cement anteriorly without retracting the proximal soft tissue.

Tip After tibial implant is implanted, place the tibial insert trial onto the tibial implant and extend the leg to pressurize the cement.

Tip Place the CR tibial trial in the tibial implant tray to assist with aligning the femoral component during implantation.

Porous

1 Ensure that flat, clean cuts are made to all of the femoral resection cuts. This will help to achieve an optimal press-fit.

Tip Lavaging during resection helps ensure flat, clean cuts.

2 Place the femoral implant onto the femur and use the femoral impactor to fully seat the implant.

Tip If extraction of the femoral component is needed, attach the locking impactor and move in side-to-side motions to leverage off, then adjust and reimpact.

OXINIUM® CR Impactor (Universal Impactor)
71440890

Femoral Impactor
71440190

PS Femoral Impactor
71440005

Tibial implantation

Apply cement on the proximal tibia and/or the implant, tibial insert covers on the articular surface of the baseplate, and seat the tibial implant with the tibial impactor (Figure 61). Remove excess cement.

Figure 61

Recommended Insert Placement Method

1 Clear any debris from the locking mechanism and manually slide the insert into the tibial baseplate engaging the locking mechanism until the insert periphery is within 1-2mm of the Tibial Component periphery.

2 Insert the tip of the JOURNEY® Articular Insert Tool into the center notch of the anterior lock detail (handle up) and engage the two tabs of the Tool into the two recesses on the anterior periphery of the insert (Figure 62).

Note: Make sure the tool is level with the plane of the baseplate.

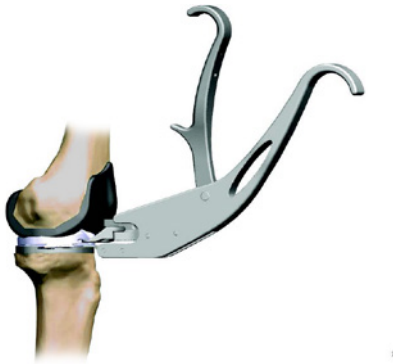


Figure 62

3 Squeeze the tool handle until the insert is fully seated within the Tibial Component. The insert should not move under any pressure in flexion or extension.

Cruciate-retaining, dished and posterior stabilized insert placement

1 Determine the correct articular insert thickness.

2 Clear any debris from the locking mechanism and manually slide the insert into the tibial baseplate engaging the locking mechanism. For the PS insert, begin insertion in flexion and extend the leg to engage the locking mechanism.

3 Attach the articular inserter/extractor to the tibial tray. Lift the inserter superiorly until the anterior lip of the articular insert is fully seated (Figure 63).

Figure 63

Tibial Base Impactor	Articular Inserter/ Extractor	JOURNEY Articular Inserter Tool
74018901	71440194	74018911

PS and CR high flex insert placement

1 Attach the appropriately sized impactor head (either 1-2 or 3-8) to the impactor handle.

2 Position the knee in approximately 90° flexion.

3 Align the articular insert with the locking mechanism of the tibial baseplate.

4 Push the insert posteriorly until the top of the anterior rail of the baseplate is visible.

5 Place the impactor head on the anterior chamfer of the insert. The mating surfaces should be very conforming (Figures 64 and 65).

6 Impact the handle until the insert is fully seated.

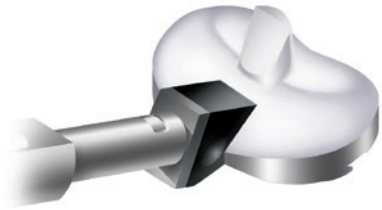


Figure 64

Figure 65

High-flex Impactor Head		High-flex Impactor Handle
sz 1-2	71441553	71441552
sz 3-8	71441554	

MIS PS high flex insert placement

When using the PS high flex insert in a minimally invasive procedure, the femoral cam mechanism is likely to prevent the insert from fully seating into the locking mechanism while the knee is in flexion. To use the PS high flex insert in a MIS case:

1 Flex the knee to 90° and push the insert as far back as it will go posteriorly with the knee in flexion (Figure 66).

Tip Lift the distal femur to prevent scratching of the posterior condyle of the component.

2 Placing your thumb on the anterior of the insert to hold it on the baseplate (Figure 67), move the knee into extension.

3 Use the impactor handle with the appropriately sized impactor head to fully seat the insert and engage the anterior portion of the dovetail locking mechanism (Figure 68).

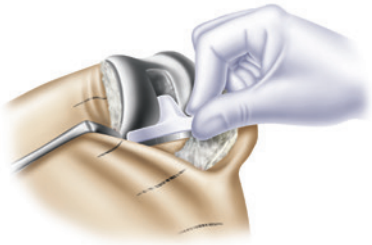


Figure 66

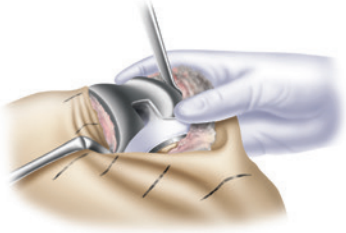


Figure 67

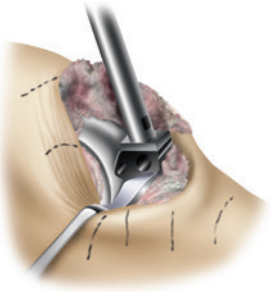


Figure 68

Options/Alternatives

Patella preparation

Instrument assembly

Patellar Reamer Guide

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 69).

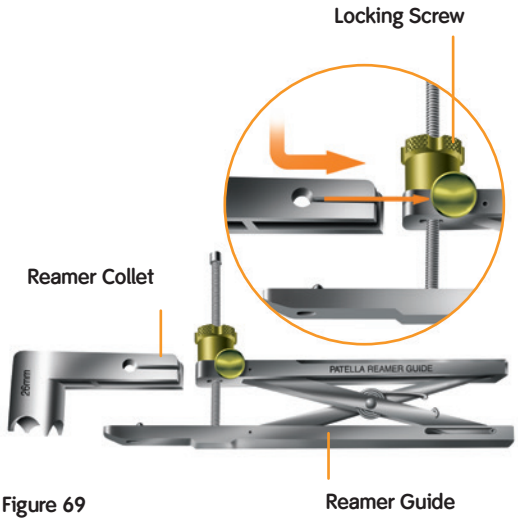


Figure 69

Depth gauge and reamer assembly

1 Attach the appropriate patellar depth gauge (red = resurfacing, black = large resurfacing/ round) to the Reamer Guide (Figure 70).

2 Attach the matching sized patellar reamer dome and patellar depth stop to the patellar reamer shaft (Figures 71 and 72). Lower the assembly through the patellar Reamer Guide until the reamer dome contacts the patella.

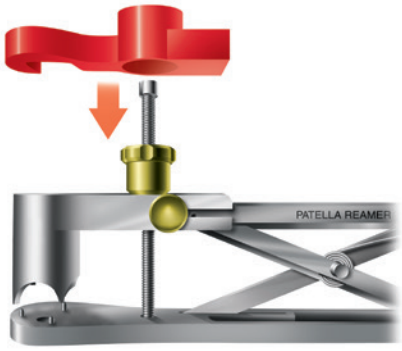


Figure 70

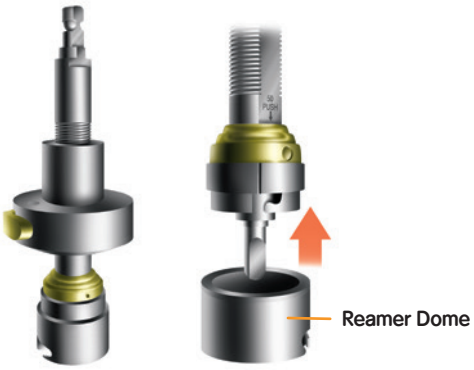


Figure 71 Figure 72

Reamer Collet

26mm	71440512
29mm	71440514
32mm	71440516
35mm	71440518

Reamer Guide
71440311

Resurfacing Depth Gauge
71440330

Large Resurfacing/ Oval Depth Gauge
71440431

Patellar Depth Stop
71440326

Large Resurfacing/ Oval Depth Stop
71440427

Reamer Shaft
71440324

Reamer Dome

26mm	71440348
29mm	71440342
32mm	71440344
35mm	71440346

Resurfacing patellar preparation

The surgeon can choose from a freehand cutting technique with towel clips, or if desired, they can choose one of the following instrumented techniques.

Reaming technique

The objective of this technique is to resurface the articular surface of the patella with the precision of a reaming technique. The reamed patellar surface can accommodate an oval or round resurfacing patellar component.

1 Trim tissue surrounding the patella using electrocautery (bovie) (Figure 73).

Figure 73

2 Use a rongeur to remove osteophytes and reduce the patella to its true size (Figure 74). It is recommended to leave the superior rim of bone intact. The bovie should also be used to release soft tissue attachments to the estimated level of resection.

Figure 74

3 Place the collet over the patella so that it fits snugly around the patellar diameter (Figure 75). The goal is to reduce the patella to its smallest diameter so that the smallest possible collet will fit around the entire patella. Use the patellar reamer collet as a sizing template to select the appropriately sized collet and reamer.

Figure 75

Tip The collet should be resting on the soft tissue surrounding the patella. If the patella does not enter the collet evenly but instead enters at an angle, the collet may not be completely surrounding the patella, but instead resting on part of the bone. If the collet is only slightly smaller than the patella, you may trim 1-2mm of the medial and lateral edges of the patella to ensure a snug fit. If the collet is far smaller than the patella, choose the next size up and assess fit.

Resurfacing Drill Guide		Drill	Patellar Calipers	Reamer Collet	
26mm	71440402	71440360	11-4943	26mm	71440512
29mm	71440403			29mm	71440514
32mm	71440404			32mm	71440516
35mm	71440405			35mm	71440518

4 Measure patella thickness with the patellar calipers (Figure 76).

Tip The patella should measure a minimum of 19mm before reaming to use this resurfacing technique.

Determine the design and diameter of the patellar implant to be used. The round resurfacing patella is 9mm thick, and the depth stop for this technique prepares for 9mm of resection.

Tip Minor adjustments may be necessary at the time of resection to accommodate the largest diameter oval patellar implants. (Please see chart on page 44).

5 Rotate the appropriate resurfacing patellar depth gauge (red = round) around so that the hooked end or 'claw' surrounds the patellar reamer shaft (Figure 77). Lower the depth stop by compressing the button until it meets the depth gauge (Figure 78). Remove the depth gauge from the assembly. Ream the patella until the depth stop engages the patellar Reamer Guide (Figure 79).

Tip Excessive force on the reamer shaft may alter the depth of resection, causing overreaming.

Figure 76

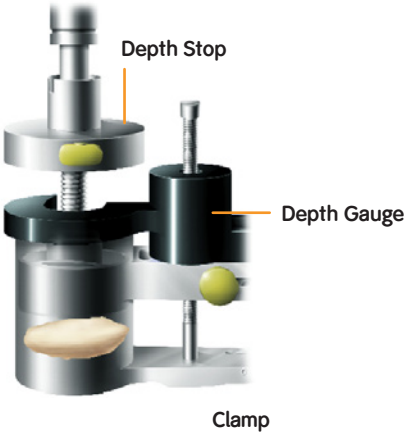


Figure 77

Figure 78

Figure 79

Resurfacing Depth Stop	**Reamer Dome**	
71440326	26mm	71440348
	29mm	71440342
	32mm	71440344
Reamer Shaft	35mm	71440346
71440324		

Reamer Guide
71440311

Resurfacing Depth Gauge
71440330

6 After reaming, the patella should have a completely flat articular surface (Figure 80). Measure the resected patella to ensure adequate resection (the resected patella should measure its original depth minus 9mm).

7 Drill the appropriate fixation holes for the resurfacing patellar implant using the correctly sized drill guide and resurfacing drill (Figure 81).

8 Place the patellar trial into the prepared patella. If desired, use the calipers to remeasure the composite thickness of bone and trial (Figure 82).

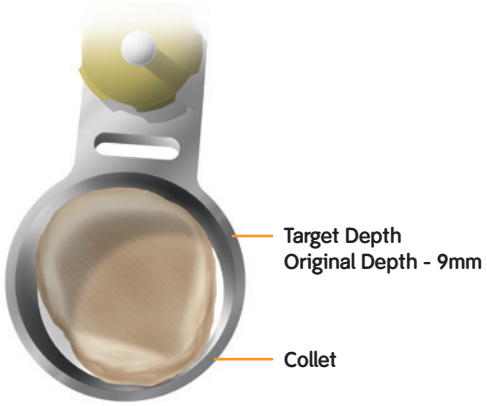


Figure 80

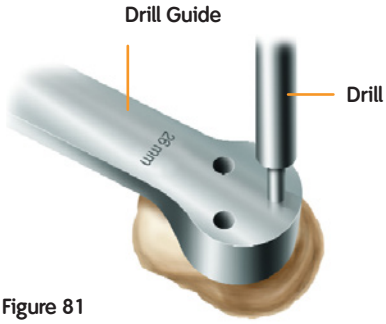


Figure 81

Figure 82

Resurfacing Drill Guide		Drill	Patellar Calipers
26mm	71440402	71440360	114943
29mm	71440403		
32mm	71440404		
35mm	71440405		

Component trialing

1 Place the patellar trial into the prepared patella (Figure 83).

2 Perform a trial range of motion to assess patellar tracking. Medial/lateral placement of the femoral trial can be adjusted to optimize patellar tracking (Figure 84).

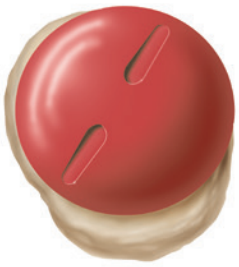


Figure 83

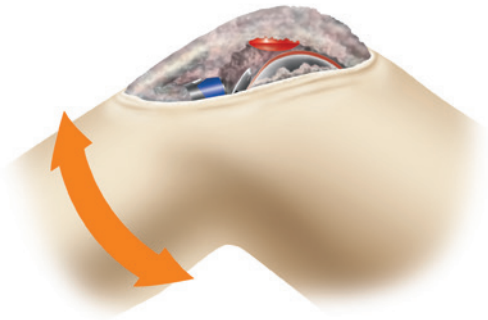


Figure 84

Patellar implantation

1 Assemble the patellar cement clamp to the patellar Reamer Guide.

2 Apply bone cement to the patella.

3 Place the patellar implant onto the patella and clamp into the bone (Figure 85). Remove excess cement.

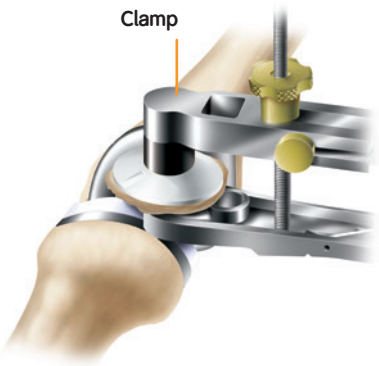


Figure 85

Resurfacing Patellar Trial	Reamer Guide	Cement Clamp
26mm 71430580	71440311	71440322
29mm 71430574		
32mm 71430576		
35mm 71430578		

Intramedullary (IM) tibial preparation

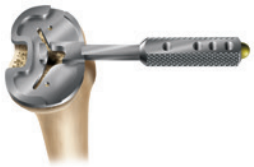
Technique highlights

Place the IM alignment assembly on the tibia. The alignment rod should align with the medial third of the tibial tubercle. Impact assembly.

Attach the tibial stylus to the tibial cutting block and lower the cutting block until the stylus touches the low point on the least affected side of the tibia. Once the resection level is determined, insert pins to secure and remove alignment assembly.

Resect the proximal tibia.

Size the tibia.



Final preparation

After trial range of motion and alignment checks, select the appropriate trial fin punch and punch through the trial.

Seat the tibial implant with the tibial impactor.

Insert the articular insert by placing the insert assembly tool into the center notch of the anterior lock detail (handle up) and engage the two tabs of the tool into the two recesses on the anterior periphery of the insert. Squeeze the tool handle until the insert is fully seated within the tibial component.

Instrument assembly

Intramedullary Tibial Alignment Guide

1 Insert the external rod of the Intramedullary Tibial Alignment Guide through the hole on the correct left or right Tibial Cutting Block and lock the cam (Figure 86).

2 Attach the T-handle to the IM Rod and pass it through the cannulated alignment sleeve on the alignment assembly (Figure 87).

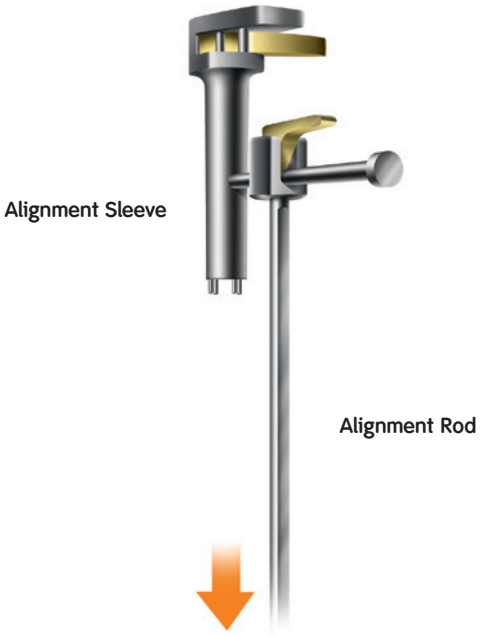


Figure 86

Figure 87

T-handle	Tibial Cutting Block		IM Alignment	IM Rod	
71110080	Left	71441136	Guide	Short	71512035
	Right	71441137	71440200	Long	71512040

IM tibial preparation

1 Make a 9.5mm pilot hole into the tibial canal (Figure 88). A preliminary resection of the tibial spine may facilitate seating of the tibial drill guide onto the proximal tibia.

2 Slowly insert the IM rod into the tibial canal.

3 Assess rotation of the intramedullary tibial alignment guide. Rotational alignment is critical due to the 3° posterior sloped cut. The alignment rod of the intramedullary tibial alignment assembly should align with the medial third of the tibial tubercle (Figure 89).

4 Impact the proximal end of the cannulated alignment sleeve to drive the distal spikes into the proximal tibia to lock rotational alignment (Figure 90).

Figure 88

Figure 89

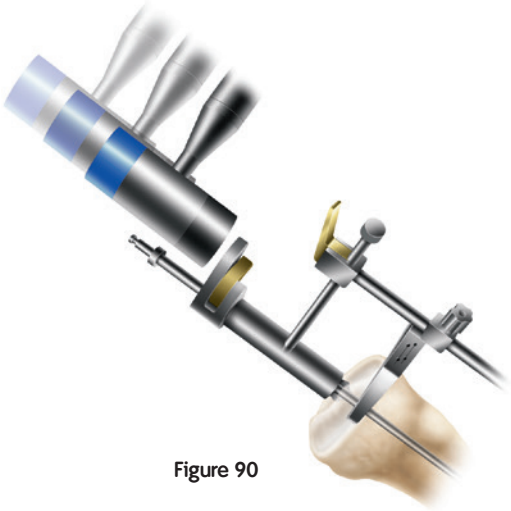


Figure 90

IM Drill
74012111

Tibial Cutting Block	
Left	71441136
Right	71441137

IM Alignment Guide
71440200

IM Rod	
Short	71512035
Long	71512040

Tibial resection

1 Attach the Tibial Stylus to the Tibial Cutting Block by inserting the stylus foot into the cutting slot.

2 Lower the cutting block until the stylus touches the low point on the least affected side of the tibia (Figure 91). The stylus can be adjusted for a 1-13mm tibial resection by twisting the knob on top of the stylus. If the affected side of the tibia is to be used as a reference, the stylus may be adjusted for a 1-9mm resection level.

Figure 91

3 Pin the Tibial Cutting Block to the tibia by inserting pins first through the central holes; then the oblique hole.

Tip Pinning through the central holes marked 0mm with smooth pins will allow the block to be moved +2mm should additional resection be required (Figure 92).

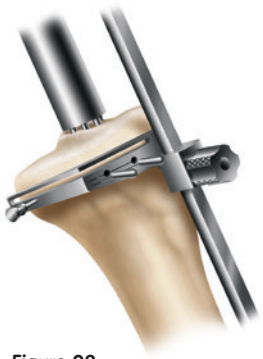


Figure 92

Tip A 9mm resection is recommended since 9mm of metal and plastic is the thinnest available component.

Tip To do an extramedullary alignment check, place the extramedullary Alignment Rod through the tibial cutting block.

Tibial Stylus	Tibial Cutting Block		Alignment Rod
71441143	**Left**	71441136	71441148
	Right	71441137	

4 To remove the assembly:
Use the universal extractor leaving the cutting block on the anterior tibia (Figure 93) after loosening the thumbscrew.

5 Cut the tibia by first directing the blade in the posterior direction and then laterally (Figure 94).

6 Check alignment and balance with spacer block and rod. Balance ligaments in standard fashion.

Figure 93

Figure 94

Universal Extractor (Slap Hammer)	**Flexion / Extension Spacers**	**Quick Connect Handle**	**Alignment Rod**
71440366	9mm 74018608	71440044	71441148
	11mm 74018611		
Flexion / Extension Block Standard	13mm 74018613	**Tibial Cutting Block**	
74018603	15mm 74018615	**Left** 71441136	
	18mm 74018618	**Right** 71441137	
	21mm 74018621		

Appendix A

Implant size interchangeability

	Femoral Size							
Insert Size	1	2	3	4	5	6	7	8
1-2 PS, DD, Con	●	●	●					
1-2 PSHF, CRHF	●	●	●	●				
3-4 PS, DD, Con		●	●	●	●			
3-4 PSHF, CRHF		●	●	●	●	●		
5-6 PS, DD, Con				●	●	●	●	
5-6 PSHF, CRHF				●	●	●	●	●
7-8 PS, DD, Con						●	●	●
7-8 PSHF, CRHF						●	●	●

PS – Standard posterior stabilized
DD – Deep dish
Con – Constrained
PSHF – Posterior stabilized high flex
CRHF – Cruciate retaining high flex

Note: CR – Standard cruciate retaining inserts are interchangeable with all size femoral components

Catalog Information

LEGION® PS OXINIUM® Femorals

Cat. No.	Description
71421202	LEGION PS OXINIUM Femoral Size 2 Right
71421203	LEGION PS OXINIUM Femoral Size 3 Right
71421204	LEGION PS OXINIUM Femoral Size 4 Right
71421205	LEGION PS OXINIUM Femoral Size 5 Right
71421206	LEGION PS OXINIUM Femoral Size 6 Right
71421207	LEGION PS OXINIUM Femoral Size 7 Right
71421208	LEGION PS OXINIUM Femoral Size 8 Right
71421212	LEGION PS OXINIUM Femoral Size 2 Left
71421213	LEGION PS OXINIUM Femoral Size 3 Left
71421214	LEGION PS OXINIUM Femoral Size 4 Left
71421215	LEGION PS OXINIUM Femoral Size 5 Left
71421216	LEGION PS OXINIUM Femoral Size 6 Left
71421217	LEGION PS OXINIUM Femoral Size 7 Left
71421218	LEGION PS OXINIUM Femoral Size 8 Left

LEGION CR OXINIUM Femorals

Cat. No.	Description
71421222	LEGION CR OXINIUM Femoral Size 2 Right
71421223	LEGION CR OXINIUM Femoral Size 3 Right
71421224	LEGION CR OXINIUM Femoral Size 4 Right
71421225	LEGION CR OXINIUM Femoral Size 5 Right
71421226	LEGION CR OXINIUM Femoral Size 6 Right
71421227	LEGION CR OXINIUM Femoral Size 7 Right
71421228	LEGION CR OXINIUM Femoral Size 8 Right
71421232	LEGION CR OXINIUM Femoral Size 2 Left
71421233	LEGION CR OXINIUM Femoral Size 3 Left
71421234	LEGION CR OXINIUM Femoral Size 4 Left
71421235	LEGION CR OXINIUM Femoral Size 5 Left
71421236	LEGION CR OXINIUM Femoral Size 6 Left
71421237	LEGION CR OXINIUM Femoral Size 7 Left
71421238	LEGION CR OXINIUM Femoral Size 8 Left

LEGION Narrow PS OXINIUM Femorals

Cat. No.	Description
71421263	LEGION Narrow PS OXINIUM Size 3N Left
71421264	LEGION Narrow PS OXINIUM Size 4N Left
71421265	LEGION Narrow PS OXINIUM Size 5N Left
71421266	LEGION Narrow PS OXINIUM Size 6N Left
71421273	LEGION Narrow PS OXINIUM Size 3N Right
71421274	LEGION Narrow PS OXINIUM Size 4N Right
71421275	LEGION Narrow PS OXINIUM Size 5N Right
71421276	LEGION Narrow PS OXINIUM Size 6N Right

LEGION Narrow CR OXINIUM Femorals

Cat. No.	Description
71421243	LEGION Narrow CR OXINIUM Size 3N Left
71421244	LEGION Narrow CR OXINIUM Size 4N Left
71421245	LEGION Narrow CR OXINIUM Size 5N Left
71421246	LEGION Narrow CR OXINIUM Size 6N Left
71421253	LEGION Narrow CR OXINIUM Size 3N Right
71421254	LEGION Narrow CR OXINIUM Size 4N Right
71421255	LEGION Narrow CR OXINIUM Size 5N Right
71421256	LEGION Narrow CR OXINIUM Size 6N Right

LEGION CR Non-Porous Femorals

Cat. No.	Description
71423202	LEGION CR Non-Porous Femoral Size 2 Left
71423203	LEGION CR Non-Porous Femoral Size 3 Left
71423204	LEGION CR Non-Porous Femoral Size 4 Left
71423205	LEGION CR Non-Porous Femoral Size 5 Left
71423206	LEGION CR Non-Porous Femoral Size 6 Left
71423207	LEGION CR Non-Porous Femoral Size 7 Left
71423208	LEGION CR Non-Porous Femoral Size 8 Left
71423212	LEGION CR Non-Porous Femoral Size 2 Right
71423213	LEGION CR Non-Porous Femoral Size 3 Right
71423214	LEGION CR Non-Porous Femoral Size 4 Right
71423215	LEGION CR Non-Porous Femoral Size 5 Right
71423216	LEGION CR Non-Porous Femoral Size 6 Right
71423217	LEGION CR Non-Porous Femoral Size 7 Right
71423218	LEGION CR Non-Porous Femoral Size 8 Right

LEGION PS Non-Porous Femorals

Cat. No.	Description
71423222	LEGION PS Non-Porous Femoral Size 2 Left
71423223	LEGION PS Non-Porous Femoral Size 3 Left
71423224	LEGION PS Non-Porous Femoral Size 4 Left
71423225	LEGION PS Non-Porous Femoral Size 5 Left
71423226	LEGION PS Non-Porous Femoral Size 6 Left
71423227	LEGION PS Non-Porous Femoral Size 7 Left
71423228	LEGION PS Non-Porous Femoral Size 8 Left
71423232	LEGION PS Non-Porous Femoral Size 2 Right
71423233	LEGION PS Non-Porous Femoral Size 3 Right
71423234	LEGION PS Non-Porous Femoral Size 4 Right
71423235	LEGION PS Non-Porous Femoral Size 5 Right
71423236	LEGION PS Non-Porous Femoral Size 6 Right
71423237	LEGION PS Non-Porous Femoral Size 7 Right
71423238	LEGION PS Non-Porous Femoral Size 8 Right

LEGION® Porous CR Femorals

Cat. No.	Description
71423242	LEGION Porous CR Femoral Size 2 Left
71423243	LEGION Porous CR Femoral Size 3 Left
71423244	LEGION Porous CR Femoral Size 4 Left
71423245	LEGION Porous CR Femoral Size 5 Left
71423246	LEGION Porous CR Femoral Size 6 Left
71423247	LEGION Porous CR Femoral Size 7 Left
71423248	LEGION Porous CR Femoral Size 8 Left
71423252	LEGION Porous CR Femoral Size 2 Right
71423253	LEGION Porous CR Femoral Size 3 Right
71423254	LEGION Porous CR Femoral Size 4 Right
71423255	LEGION Porous CR Femoral Size 5 Right
71423256	LEGION Porous CR Femoral Size 6 Right
71423257	LEGION Porous CR Femoral Size 7 Right
71423258	LEGION Porous CR Femoral Size 8 Right

LEGION Porous CR HA Femorals

Cat. No.	Description
71425202	LEGION Porous CR HA Femoral Size 2 Left
71425203	LEGION Porous CR HA Femoral Size 3 Left
71425204	LEGION Porous CR HA Femoral Size 4 Left
71425205	LEGION Porous CR HA Femoral Size 5 Left
71425206	LEGION Porous CR HA Femoral Size 6 Left
71425207	LEGION Porous CR HA Femoral Size 7 Left
71425208	LEGION Porous CR HA Femoral Size 8 Left
71425212	LEGION Porous CR HA Femoral Size 2 Right
71425213	LEGION Porous CR HA Femoral Size 3 Right
71425214	LEGION Porous CR HA Femoral Size 4 Right
71425215	LEGION Porous CR HA Femoral Size 5 Right
71425216	LEGION Porous CR HA Femoral Size 6 Right
71425217	LEGION Porous CR HA Femoral Size 7 Right
71425218	LEGION Porous CR HA Femoral Size 8 Right

LEGION CR Non-Porous Narrow Femorals

Cat. No.	Description
71933640	LEGION CR Non-Porous Narrow Femoral Size 3 Left
71933641	LEGION CR Non-Porous Narrow Femoral Size 4 Left
71933642	LEGION CR Non-Porous Narrow Femoral Size 5 Left
71933643	LEGION CR Non-Porous Narrow Femoral Size 6 Left
71933644	LEGION CR Non-Porous Narrow Femoral Size 3 Right
71933645	LEGION CR Non-Porous Narrow Femoral Size 4 Right
71933646	LEGION CR Non-Porous Narrow Femoral Size 5 Right
71933647	LEGION CR Non-Porous Narrow Femoral Size 6 Right

LEGION PS Non-Porous Narrow Femorals

Cat. No.	Description
71933648	LEGION PS Non-Porous Narrow Femoral Size 3 Left
71933649	LEGION PS Non-Porous Narrow Femoral Size 4 Left
71933650	LEGION PS Non-Porous Narrow Femoral Size 5 Left
71933651	LEGION PS Non-Porous Narrow Femoral Size 6 Left
71933652	LEGION PS Non-Porous Narrow Femoral Size 3 Right
71933653	LEGION PS Non-Porous Narrow Femoral Size 4 Right
71933654	LEGION PS Non-Porous Narrow Femoral Size 5 Right
71933655	LEGION PS Non-Porous Narrow Femoral Size 6 Right

LEGION® CR High Flex XLPE Inserts

Cat. No.	Description
71453101	LEGION CR High Flex XLPE Inserts Size 1-2 9mm
71453102	LEGION CR High Flex XLPE Inserts Size 1-2 11mm
71453103	LEGION CR High Flex XLPE Inserts Size 1-2 13mm
71453104	LEGION CR High Flex XLPE Inserts Size 1-2 15mm
71453105	LEGION CR High Flex XLPE Inserts Size 1-2 18mm
71453111	LEGION CR High Flex XLPE Inserts Size 3-4 9mm
71453112	LEGION CR High Flex XLPE Inserts Size 3-4 11mm
71453113	LEGION CR High Flex XLPE Inserts Size 3-4 13mm
71453114	LEGION CR High Flex XLPE Inserts Size 3-4 15mm
71453115	LEGION CR High Flex XLPE Inserts Size 3-4 18mm
71453121	LEGION CR High Flex XLPE Inserts Size 5-6 9mm
71453122	LEGION CR High Flex XLPE Inserts Size 5-6 11mm
71453123	LEGION CR High Flex XLPE Inserts Size 5-6 13mm
71453124	LEGION CR High Flex XLPE Inserts Size 5-6 15mm
71453125	LEGION CR High Flex XLPE Inserts Size 5-6 18mm
71453131	LEGION CR High Flex XLPE Inserts Size 7-8 9mm
71453132	LEGION CR High Flex XLPE Inserts Size 7-8 11mm
71453133	LEGION CR High Flex XLPE Inserts Size 7-8 13mm
71453134	LEGION CR High Flex XLPE Inserts Size 7-8 15mm
71453135	LEGION CR High Flex XLPE Inserts Size 7-8 18mm
71453181	LEGION CR High Flex XLPE Inserts Size 1-2 10mm
71453182	LEGION CR High Flex XLPE Inserts Size 1-2 12mm
71453183	LEGION CR High Flex XLPE Inserts Size 3-4 10mm
71453184	LEGION CR High Flex XLPE Inserts Size 3-4 12mm
71453185	LEGION CR High Flex XLPE Inserts Size 5-6 10mm
71453186	LEGION CR High Flex XLPE Inserts Size 5-6 12mm
71453187	LEGION CR High Flex XLPE Inserts Size 7-8 10mm
71453188	LEGION CR High Flex XLPE Inserts Size 7-8 12mm

LEGION PS High Flex XLPE Inserts

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

LEGION® XLPE Dished Inserts

Cat. No.	Description
71453271	LEGION XLPE Dished Insert Size 1-2 9mm
71453272	LEGION XLPE Dished Insert Size 1-2 11mm
71453273	LEGION XLPE Dished Insert Size 1-2 13mm
71453274	LEGION XLPE Dished Insert Size 1-2 15mm
71453275	LEGION XLPE Dished Insert Size 1-2 18mm
71253276	LEGION XLPE Dished Insert Size 1-2 21mm
71453277	LEGION XLPE Dished Insert Size 3-4 9mm
71453278	LEGION XLPE Dished Insert Size 3-4 11mm
71453279	LEGION XLPE Dished Insert Size 3-4 13mm
71453281	LEGION XLPE Dished Insert Size 3-4 15mm
71453282	LEGION XLPE Dished Insert Size 3-4 18mm
71453283	LEGION XLPE Dished Insert Size 3-4 21mm
71453284	LEGION XLPE Dished Insert Size 5-6 9mm
71453285	LEGION XLPE Dished Insert Size 5-6 11mm
71453286	LEGION XLPE Dished Insert Size 5-6 13mm
71453287	LEGION XLPE Dished Insert Size 5-6 15mm
71453288	LEGION XLPE Dished Insert Size 5-6 18mm
71453289	LEGION XLPE Dished Insert Size 5-6 21mm
71453291	LEGION XLPE Dished Insert Size 7-8 9mm
71453292	LEGION XLPE Dished Insert Size 7-8 11mm
71453293	LEGION XLPE Dished Insert Size 7-8 13mm
71453294	LEGION XLPE Dished Insert Size 7-8 15mm
71453295	LEGION XLPE Dished Insert Size 7-8 18mm
71453296	LEGION XLPE Dished Insert Size 7-8 21mm

GENESIS® II Tibial Baseplates (Cemented)

Cat. No.	Description
71420160	GENESIS II Cemented Tibial Baseplate Size 1 Left
71420162	GENESIS II Cemented Tibial Baseplate Size 2 Left
71420164	GENESIS II Cemented Tibial Baseplate Size 3 Left
71420166	GENESIS II Cemented Tibial Baseplate Size 4 Left
71420168	GENESIS II Cemented Tibial Baseplate Size 5 Left
71420170	GENESIS II Cemented Tibial Baseplate Size 6 Left
71420172	GENESIS II Cemented Tibial Baseplate Size 7 Left
71420174	GENESIS II Cemented Tibial Baseplate Size 8 Left
71420176	GENESIS II Cemented Tibial Baseplate Size 1 Right
71420180	GENESIS II Cemented Tibial Baseplate Size 2 Right
71420182	GENESIS II Cemented Tibial Baseplate Size 3 Right
71420184	GENESIS II Cemented Tibial Baseplate Size 4 Right
71420186	GENESIS II Cemented Tibial Baseplate Size 5 Right
71420188	GENESIS II Cemented Tibial Baseplate Size 6 Right
71420191	GENESIS II Cemented Tibial Baseplate Size 8 Right
71931716	GENESIS II Cemented Tibial Baseplate Size 9 Right
71931923	GENESIS II Cemented Tibial Baseplate Size 9 Left

LEGION® Porous HA Tibial Baseplate with Holes

Cat. No.	Description
71934054	LEGION Porous HA Tibial Baseplate Size 2 Left
71934055	LEGION Porous HA Tibial Baseplate Size 3 Left
71934056	LEGION Porous HA Tibial Baseplate Size 4 Left
71934057	LEGION Porous HA Tibial Baseplate Size 5 Left
71934058	LEGION Porous HA Tibial Baseplate Size 6 Left
71934059	LEGION Porous HA Tibial Baseplate Size 7 Left
71934060	LEGION Porous HA Tibial Baseplate Size 8 Left
71934061	LEGION Porous HA Tibial Baseplate Size 2 Right
71934062	LEGION Porous HA Tibial Baseplate Size 3 Right
71934063	LEGION Porous HA Tibial Baseplate Size 4 Right
71934064	LEGION Porous HA Tibial Baseplate Size 5 Right
71934065	LEGION Porous HA Tibial Baseplate Size 6 Right
71934066	LEGION Porous HA Tibial Baseplate Size 7 Right
71934067	LEGION Porous HA Tibial Baseplate Size 8 Right

LEGION Porous HA Tibial Baseplate without Holes

Cat. No.	Description
71934161	LEGION Porous HA Tibial Baseplate without Holes Size 2 Left
71934162	LEGION Porous HA Tibial Baseplate without Holes Size 3 Left
71934163	LEGION Porous HA Tibial Baseplate without Holes Size 4 Left
71934164	LEGION Porous HA Tibial Baseplate without Holes Size 5 Left
71934165	LEGION Porous HA Tibial Baseplate without Holes Size 6 Left
71934166	LEGION Porous HA Tibial Baseplate without Holes Size 7 Left
71934167	LEGION Porous HA Tibial Baseplate without Holes Size 8 Left
71934168	LEGION Porous HA Tibial Baseplate without Holes Size 2 Right
71934169	LEGION Porous HA Tibial Baseplate without Holes Size 3 Right
71934170	LEGION Porous HA Tibial Baseplate without Holes Size 4 Right
71934171	LEGION Porous HA Tibial Baseplate without Holes Size 5 Right
71934172	LEGION Porous HA Tibial Baseplate without Holes Size 6 Right
71934173	LEGION Porous HA Tibial Baseplate without Holes Size 7 Right
71934174	LEGION Porous HA Tibial Baseplate without Holes Size 8 Right

GENESIS® II Round Resurfacing Patellae

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 Patellae

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 Patellae

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

PROFIX Metaphyseal Tibial Stems

Cat. No.	Description
71501009	PROFIX Metaphyseal Tibial Stem 16mm
71501010	PROFIX Metaphyseal Tibial Stem 18mm
71501020	PROFIX Metaphyseal Tibial Stem 20mm

GENESIS® II Tibial Bone Screws

Cat. No.	Description
71420974	GENESIS II 6.5 mm Screw 15 mm Length
71420976	GENESIS II 6.5 mm Screw 20 mm Length
71420978	GENESIS II 6.5 mm Screw 25 mm Length
71420980	GENESIS II 6.5 mm Screw 30 mm Length
71420982	GENESIS II 6.5 mm Screw 35 mm Length
71420984	GENESIS II 6.5 mm Screw 40 mm Length
71420986	GENESIS II 6.5 mm Screw 45 mm Length
71420988	GENESIS II 6.5 mm Screw 50 mm Length

GENESIS II Femoral Flex-Lok Pegs

Cat. No.	Description
71420063	GENESIS II Femoral Flex-Lok Peg

GENESIS II Primary Femoral Lug

Cat. No.	Description
71420999	GENESIS II Primary Femoral Lug

GENESIS® II Long Stems

Cat. No.	Description
71420628	GENESIS II Long Stem 10mm x 100mm
71420630	GENESIS II Long Stem 12mm x 100mm
71420632	GENESIS II Long Stem 14mm x 100mm
71420634	GENESIS II Long Stem 16mm x 100mm
71420636	GENESIS II Long Stem 18mm x 100mm
71420638	GENESIS II Long Stem 20mm x 100mm
71420640	GENESIS II Long Stem 22mm x 100mm
71420642	GENESIS II Long Stem 24mm x 100mm
71420647	GENESIS II Long Stem 10mm x 150mm with Slot
71420648	GENESIS II Long Stem 14mm x 150mm
71420649	GENESIS II Long Stem 12mm x 150mm with Slot
71420650	GENESIS II Long Stem 16mm x 150mm

LEGION® CR TKS Implant Constructs

Femoral	Insert	Tibial Baseplate	Patella
LEGION CR Non-Porous Femoral (CoCr)	LEGION XLPE Dished Insert	LEGION Revision Tibial Baseplate (Cemented)	GENESIS® II Round Resurfacing Patella
LEGION CR Narrow Non-Porous Femoral (CoCr)	LEGION CR High Flex XLPE Insert	LEGION Porous HA Tibial Baseplate with Holes	GENESIS II Oval Resurfacing Patella
LEGION CR Porous Femoral (CoCr)		LEGION Porous HA Tibial Baseplate without Holes	GENESIS II Biconvex Resurfacing Patella
LEGION CR Porous + HA Femoral (CoCr)			
LEGION CR Femoral (OXINIUM®)			
LEGION CR Narrow Femoral (OXINIUM)			

LEGION® CR Compatibility

LEGION CR Femoral (OXINIUM®)
LEGION CR Narrow Femoral (OXINIUM)
LEGION CR Non-Porous Femoral (CoCr)
LEGION CR Porous Femoral (CoCr)
LEGION CR Porous HA Femoral (CoCr)
LEGION CR Narrow Non-Porous Femoral (CoCr)

LEGION XLPE Deep Dish Insert
LEGION CR High Flex XLPE Insert

Patella	Inserts	Tibial Baseplate	Tibial Baseplate	Femoral
GENESIS® II Round Resurfacing Patella	LEGION XLPE Dished Insert	GENESIS II CR All-Poly Tibial Baseplate	LEGION Revision Tibial Baseplate (Cemented)	LEGION CR Non-Porous Femoral (CoCr)
GENESIS II Oval Resurfacing Patella	LEGION CR High Flex XLPE Insert		LEGION Porous HA Tibial Baseplate with Holes	LEGION CR Narrow Non-Porous Femoral (CoCr)
GENESIS II Biconvex Resurfacing Patella	GENESIS II CR Insert		LEGION Porous HA Tibial Baseplate without Holes	LEGION CR Porous Femoral (CoCr)
	GENESIS II CR Deep Dish Insert		GENESIS II Tibial Baseplate (Cemented)	LEGION CR Porous + HA Femoral (CoCr)
	GENESIS II CR High Flex (Deep Flex) Insert			LEGION CR Femoral (OXINIUM®)
				LEGION CR Narrow Femoral (OXINIUM)
				GENESIS II CR Femoral (CoCr)
				GENESIS II CR Femoral (OXINIUM)

Optional Compatibility for LEGION® CR Femoral Components and Baseplates

LEGION CR Non-Porous Femoral (CoCr)	**LEGION CR** Narrow Non-Porous Femoral (CoCr)	**LEGION** Revision Tibial Baseplate (Cemented)	**LEGION** Porous HA Tibial Baseplate with Holes	**LEGION** Porous HA Tibial Baseplate without Holes
LEGION RK Distal Femoral Wedge	GENESIS II Femoral Flex-Lok Peg	LEGION Finned Tibial Wedge	GENESIS II Tibial Bone Screw	PROFIX Metaphyseal Tibial Stem (71501009, 71501010, 71501020)
LEGION RK Posterior Femoral Wedge		LEGION RK/HK Hemi-Stepped Tibial Wedge	PROFIX Metaphyseal Tibial Stem (71501009, 71501010, 71501020)	GENESIS II Long Stem
LEGION RK "L" Femoral Wedge		LEGION RK/HK Full-Stepped Tibial Wedge	GENESIS II Long Stem	
LEGION Distal Wedge Screw		LEGION Tibial Wedge Screw		
LEGION Posterior Wedge Screw		LEGION Locking Set Screw		
GENESIS® II Femoral Flex-Lok Peg		LEGION Tibial Wedge Lug		
		LEGION Tibial Cone		
		LEGION Press-fit Stem		
		LEGION Cemented Stem		
		LEGION Stem Extension		
		LEGION Offset Coupler		
		LEGION Offset Coupler Angled		
		LEGION Male to Male Mini Coupler		

LEGION® CR Component Size Compatibility

LEGION Component	Compatible Component	Size
LEGION CR Non-Porous Femoral (CoCr) **LEGION CR** Narrow Non-Porous Femoral (CoCr) **LEGION CR** Porous Femoral (CoCr) **LEGION CR** Porous + HA Femoral (CoCr) **LEGION CR** Femoral (OXINIUM®) **LEGION CR** Narrow Femoral (OXINIUM)	LEGION XLPE Dish Insert	Size 1-8, 9-21 mm
	LEGION CR High Flex XLPE Insert	Size 1-8, 9-18 mm
	GENESIS® II CR Insert	Size 1-8, 9-18 mm
	GENESIS II CR Deep Dish Insert	Size 1-8, 9-21 mm
	GENESIS II CR High Flex (Deep Flex) Insert	Size 1-8, 9-18 mm
	GENESIS II Round Resurfacing Patella	26-41 mm
	GENESIS II Oval Resurfacing Patella	29-41 mm
	GENESIS II Biconvex Resurfacing Patella	23-32 mm
	GENESIS II CR All-Poly Tibial Baseplate	Size 1-8, 9-15 mm, LT/RT
LEGION CR Non-Porous Femoral (CoCr)	LEGION Revision Knee Distal Femoral Wedge	Size 2-8, 5-15 mm
	LEGION Revision Knee Posterior Femoral Wedge	Size 1-8
	LEGION Revision Knee "L" Femoral Wedge	Size 2-8, 5-15 mm Distal x 5-10 mm Posterior
	LEGION Distal Wedge Screw	5-15 mm
	LEGION Posterior Wedge Screw	5-10 mm
	GENESIS II Femoral Flex-Lok Peg	N/A
LEGION CR Narrow Non-Porous Femoral (CoCr)	GENESIS II Femoral Flex-Lok Peg	N/A

LEGION XLPE Dished Insert **LEGION CR** High Flex XLPE Insert	LEGION CR Non-Porous Femoral (CoCr)	Size 2-8 LT/RT
	LEGION CR Narrow Non-Porous Femoral (CoCr)	Size 3-6 LT/RT
	LEGION CR Porous Femoral (CoCr)	Size 2-8 LT/RT
	LEGION CR Porous + HA Femoral (CoCr)	Size 2-8 LT/RT
	LEGION CR Femoral (OXINIUM)	Size 2-8 LT/RT
	LEGION CR Narrow Femoral (OXINIUM)	Size 3-6 LT/RT
	GENESIS II CR Femoral (CoCr)	Size 1-8 LT/RT
	GENESIS II CR Femoral (OXINIUM)	Size 2-9 LT/RT
	LEGION Revision Tibial Baseplate (Cemented)	Size 1-8, LT/RT
	LEGION Porous HA Tibial Baseplate with Holes	Size 2-8, LT/RT
	LEGION Porous HA Tibial Baseplate without Holes	Size 2-8, LT/RT
	GENESIS II Tibial Baseplate (Cemented)	Size 1-9, LT/RT

Compatibility Table *(continued)*

LEGION® Component	Compatible Component	Size
LEGION Revision Tibial Baseplate (Cemented) **LEGION** Porous HA Tibial Baseplate with Holes **LEGION** Porous HA Tibial Baseplate without Holes	LEGION XLPE Dished Insert	Size 1-8, 9-21 mm
	LEGION CR High Flex Insert	Size 1-8, 9-18 mm
	GENESIS® II CR Insert	Size 1-8, 9-18 mm
	GENESIS II CR Deep Dish Insert	Size 1-8, 9-21 mm
	GENESIS II CR High Flex (Deep Flex) Insert	Size 1-8, 9-18 mm
LEGION Porous HA Tibial Baseplate with Holes	GENESIS II Tibial Bone Screw	15-50 mm
LEGION Porous HA Tibial Baseplate with Holes **LEGION** Porous HA Tibial Baseplate without Holes	PROFIX Metaphyseal Tibial Stem	16, 18, 20 mm
	GENESIS II Long Stem	100, 150mm
LEGION Revision Tibial Baseplate (Cemented)	LEGION Finned Tibial Wedge	Size 2-8, 10-20 mm LT/RT
	LEGION RK/HK Hemi-Stepped Tibial Wedge	Size 1-8, 5-15 mm LL/RM LM/RL
	LEGION RK/HK Full-Stepped Tibial Wedge	Size 1-8, 10-15 mm
	LEGION Tibial Wedge Screw	N/A
	LEGION Locking Set Screw	N/A
	LEGION Tibial Wedge Lug	10, 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 220mm Bowed - 10-24 mm x 220mm Bowed - 10-24 mm x 280 mm
	LEGION Cemented Stem	10-20 mm x 120 mm 10-20 mm x 160 mm
	LEGION Stem Extension	10-14 mm x 80 mm
	LEGION Offset Coupler	2-6 mm
	LEGION Offset Coupler Angled	N/A
	LEGION Male to Male Mini Coupler	2-6 mm

LEGION® PS TKS Implant Constructs

Femoral	Insert	Tibial Baseplate	Patella
LEGION PS Non-Porous Femoral (CoCr)	LEGION PS High Flex XLPE Insert	LEGION Revision Tibial Baseplate (Cemented)	GENESIS® II Round Resurfacing Patella
LEGION PS Narrow Non-Porous Femoral (CoCr)	LEGION Constrained Insert	LEGION Porous HA Tibial Baseplate with Holes	GENESIS II Oval Resurfacing Patella
LEGION PS Femoral (OXINIUM®)		LEGION Porous HA Tibial Baseplate without Holes	GENESIS II Biconvex Resurfacing Patella
LEGION PS Narrow Femoral (OXINIUM)			
LEGION RK Constrained Femoral (CoCr)			
LEGION RK Constrained Femoral (OXINIUM)			

LEGION® PS Compatibility

LEGION PS Femoral (OXINIUM®)	**LEGION PS** Femoral (OXINIUM)	**LEGION PS** High Flex XLPE Insert	**LEGION PS** High Flex XLPE Insert	**LEGION** Constrained Insert*
LEGION PS Narrow Femoral (OXINIUM)	**LEGION PS** Narrow Femoral (OXINIUM)	**LEGION** Constrained Insert*		
LEGION PS Non-Porous Femoral (CoCr)	**LEGION PS** Non-Porous Femoral (CoCr)			
LEGION PS Narrow Non-Porous Femoral (CoCr)	**LEGION PS** Narrow Non-Porous Femoral (CoCr)			
LEGION RK Constrained Femoral (CoCr)				
LEGION RK Constrained Femoral (OXINIUM)				

Patella	**Inserts**	**Tibial Baseplate**	**Tibial Baseplate**	**Femoral**	**Femoral**
GENESIS® II Round Resurfacing Patella	LEGION PS High Flex XLPE Insert	GENESIS II PS All-Poly Tibial Baseplate	LEGION RK Tibial Baseplate Cemented)	LEGION PS Non-Porous Femoral (CoCr)	LEGION PS Femoral (OXINIUM®)
GENESIS II Oval Resurfacing Patella	LEGION PS Constrained Insert*		LEGION Porous HA Tibial Baseplate with Holes**	LEGION PS Narrow Non-Porous Femoral (CoCr)	LEGION PS Narrow Femoral (OXINIUM)
GENESIS II Biconvex Resurfacing Patella	GENESIS II PS Insert		LEGION Porous HA Tibial Baseplate without Holes**	LEGION PS Femoral (OXINIUM®)	LEGION PS Non-Porous Femoral (CoCr)
	GENESIS II PS High Flex Insert		GENESIS II Tibial Baseplate (Cemented)	LEGION PS Narrow Femoral (OXINIUM)	LEGION PS Narrow Non-Porous Femoral (CoCr)
	GENESIS II Constrained Insert*			LEGION RK Constrained Femoral(CoCr)	LEGION RK Constrained Femoral (CoCr)
				LEGION RK Constrained Femoral (OXINIUM)	LEGION RK Constrained Femoral (OXINIUM)
				GENESIS II CR Non-Porous Femoral (CoCr)**	
				GENESIS II CR Non-Porous Femoral (OXINIUM)**	

** Component must be used with the LEGION Femorals (CoCr and OXINIUM) and Tibial Stem*
*** Not compatible with LEGION and GENESIS II Constrained Insert*

Optional Compatibility with LEGION® PS

LEGION PS Non-Porous Femoral (CoCr) **LEGION PS** Femoral (OXINIUM®)	**LEGION PS** Narrow Non-Porous Femoral (CoCr) **LEGION PS** Narrow Femoral (OXINIUM)	**LEGION RK** Constrained Femoral (CoCr) **LEGION RK** Constrained Femoral (OXINIUM)
LEGION RK Distal Femoral Wedge	GENESIS II Femoral Flex-Lok Peg	LEGION RK Distal Femoral Wedge
LEGION RK Posterior Femoral Wedge	GENESIS II Primary Femoral Lug	LEGION RK Posterior Femoral Wedge
LEGION RK "L" Femoral Wedge		LEGION RK "L" Femoral Wedge
LEGION Distal Wedge Screw		LEGION Distal Wedge Screw
LEGION Posterior Wedge Screw		LEGION Posterior Wedge Screw
GENESIS® II Femoral Flex-Lok Peg		LEGION Locking Set Screw
GENESIS II Primary Femoral Lug		LEGION Femoral Cone
		LEGION Press-fit Stem
		LEGION Cemented Stem Straight
		LEGION Short Stem Extension
		LEGION Offset Coupler Angled
		LEGION Offset Coupler
		LEGION Male to Male Coupler

Optional Compatibility with LEGION® PS *(continued)*

LEGION® RK Tibial Baseplate (Cemented)	**LEGION** Porous HA Tibial Baseplate with Holes	**LEGION** Porous HA Tibial Baseplate without Holes
LEGION Finned Tibial Wedge LEGION RK/HK Hemi-Stepped Tibial Wedge LEGION RK/HK Full-Stepped Tibial Wedge LEGION Tibial Wedge Screw LEGION Locking Set Screw LEGION Tibial Wedge Lug LEGION Tibial Cone GENESIS® II Long Stem LEGION Press-fit Stem LEGION Cemented Stem Straight LEGION Short Stem Extension LEGION Offset Coupler Angled LEGION Offset Coupler LEGION Male to Male Coupler	GENESIS II Tibial Bone Screw PROFIX Metaphyseal Tibial Stem (71501009, 71501010, 71501020) GENESIS II Long Stem	PROFIX Metaphyseal Tibial Stem (71501009, 71501010, 71501020) GENESIS II Long Stem

LEGION® PS Component Size Compatibility

LEGION Component	Compatible Component	Size
LEGION PS Non-Porous Femoral (CoCr) **LEGION PS** Narrow Non-Porous Femoral (CoCr) **LEGION PS** Femoral (CoCr) **LEGION PS** Narrow Femoral (OXINIUM®) **LEGION RK** Constrained Femoral (CoCr) **LEGION RK** Constrained Femoral (OXINIUM)	LEGION PS High Flex XLPE Insert	Size 1-8, 9-21 mm
	LEGION Constrained Insert*	Size 1-8, 9 mm
	GENESIS® II Constrained Insert*	Size 1-8, 11-30 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 Round Resurfacing Patella	26-41 mm
	GENESIS II Oval Resurfacing Patella	29-41 mm
	GENESIS II Biconvex Resurfacing Patella	23-32 mm
LEGION PS Femoral (OXINIUM) **LEGION PS** Narrow Femoral (OXINIUM®) **LEGION PS** Non-Porous Femoral (CoCr) **LEGION PS** Narrow Non-Porous Femoral (CoCr)	GENESIS II PS All-Poly Tibial Baseplate	Size 1-8, 9-15 mm LT/RT
	GENESIS II Primary Femoral Lug	N/A
	GENESIS II Femoral Flex-Lok Peg	N/A
LEGION PS Non-Porous Femoral (CoCr) **LEGION PS** Femoral (OXINIUM) **LEGION RK** Constrained Femoral (CoCr) **LEGION RK** Constrained Femoral (OXINIUM)	LEGION Revision Knee Distal Femoral Wedge	Size 2-8, 5-15 mm
	LEGION Revision Knee Posterior Femoral Wedge	Size 1-8, 5-10 mm
	LEGION Revision Knee "L" Femoral Wedge	Size 2-8, 5-15 mm Distal x 5-10 mm Posterior
	LEGION Distal Wedge Screw	5-15 mm
	LEGION Posterior Wedge Screw	5-10 mm
LEGION RK Constrained Femoral (CoCr) **LEGION RK** Constrained Femoral (OXINIUM)	LEGION Locking Set Screw	N/A
	LEGION Femoral Cone	18-30 mm, LT/RT
	LEGION Press-fit Stem	9-24 mm x 120 mm 9-24 mm x 160 mm Straight - 10-24 mm x 220mm Bowed - 10-24 mm x 220mm Bowed - 10-24 mm x 280 mm
	LEGION Cemented Stem	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, 4, 6 mm
	LEGION Male to Male Mini Coupler	2, 4, 6 mm

** Component must be used with the LEGION Femorals (CoCr and OXINIUM) and Tibial Stem*

Compatibility Table *(continued)*

LEGION® Component	Compatible Component	Size
LEGION PS High Flex XLPE Insert **LEGION** Constrained Insert*	LEGION PS Non-Porous Femoral (CoCr)	Size 2-8 LT/RT
	LEGION PS Narrow Non-Porous Femoral (CoCr)	Size 3-6 LT/RT
	LEGION PS Femoral (OXINIUM®)	Size 2-8 LT/RT
	LEGION PS Narrow Femoral (OXINIUM)	Size 3-6 LT/RT
	LEGION RK Constrained Femoral (CoCr)	Size 2-8 LT/RT
	LEGION RK Constrained Femoral (OXINIUM)	Size 2-8 LT/RT
	GENESIS II Tibial Baseplate (Cemented)	Size 1-9, LT/RT
	LEGION Revision Tibial Baseplate (Cemented)	Size 1-8, LT/RT
	LEGION Porous HA Tibial Baseplate With Holes	Size 2-8, LT/RT
	LEGION Porous HA Tibial Baseplate without Holes	Size 2-8, LT/RT
LEGION PS High Flex XLPE Insert	GENESIS II PS Femoral Component (CoCr)**	Size 1-8 LT/RT
	GENESIS II PS Femoral (OXINIUM)**	Size 2-9 LT/RT

** Component must be used with the LEGION Femorals (CoCr and OXINIUM) and Tibial Stem*
*** Not compatible with LEGION and GENESIS II Constrained Insert*

Compatibility Table *(continued)*

LEGION® Component	Compatible Component	Size
LEGION Revision Tibial Baseplate (Cemented) **LEGION** Porous HA Tibial Baseplate with Holes **LEGION** Porous HA Tibial Baseplate without Holes	LEGION PS High Flex XLPE Insert	Size 1-8, 10-21 mm
	LEGION Constrained Insert*	Size 1-8, 9 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 Revision Tibial Baseplate (Cemented)	LEGION Finned Tibial Wedge	Size 2-8, 10-20 mm LT/RT
	LEGION RK/HK Hemi-Stepped Tibial Wedge	Size 1-8, 5-15 mm LL/RM LM/RL
	LEGION RK/HK Full-Stepped Tibial Wedge	Size 1-8, 10-15 mm
	LEGION Tibial Wedge Screw	N/A
	LEGION Locking Set Screw	N/A
	LEGION Tibial Wedge Lug	10, 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 220mm Bowed - 10-24 mm x 220mm 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	2-6 mm
	LEGION Offset Coupler Angled	N/A
	LEGION Male to Male Mini Coupler	2-6 mm
LEGION Porous HA Tibial Baseplate with Holes	GENESIS II Tibial Bone Screw	15 – 50 mm
LEGION Porous HA Tibial Baseplate with Holes	PROFIX Metaphyseal Tibial Stem	16, 18, 20 mm
LEGION Porous HA Tibial Baseplate without Holes	GENESIS II Long Stem	100, 150mm

** Component must be used with the LEGION Femorals (CoCr and OXINIUM®) and Tibial Stem*

Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Smith & Nephew representative or distributor if you have questions about the availability of Smith & Nephew products in your area.

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

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

www.smith-nephew.com

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