



Introduction

The JOURNEY® Bi-Cruciate Stabilized Total Knee System has been designed to restore normal function and normal kinematics for patients receiving a primary total knee. To achieve this, Smith & Nephew has utilized state of the art technologies and innovative techniques to better understand normal knee kinetics and kinematics and their relationship to the natural articular geometry of the knee. With a design based on natural anatomy, the JOURNEY Bi-Cruciate Stabilized Knee System addresses many of the functional problems still plaguing conventional systems such as paradoxical motion, lateral pivot, anterior instability, and limited flexion.

Patient outcomes can be directly related to accurate surgical technique and precision instrumentation. The JOURNEY Bi-Cruciate Stabilized instrumentation has been developed to assist the surgeon in obtaining accurate and reproducible results. New ergonomic instrumentation is designed with quick connect and release buttons to facilitate fast and stable instrument assembly/disassembly to reduce OR time. Accurate sizing of the femoral component is achieved using the sizing guide which allows the option of using the epicondylar axis, posterior condyle(s), or the AP axis for rotational alignment. AP cutting blocks can be adjusted to shift anterior or posterior, optimizing cuts and reducing the risk of anterior notching or allowing for posterior offset to be maintained. Multi-function femoral trials are also included in the JOURNEY Knee instrumentation that allow the surgeon to set the ML implant alignment, ream/punch for the cam-post box, and perform all the trialing without having to remove the trial from the bone.

The JOURNEY Knee instruments are designed to facilitate a less invasive approach, and both intramedullary and extramedullary tibial alignment options are available. While it has been the designers' objective to develop accurate, easy-to-use instrumentation, each surgeon must evaluate the appropriateness of the following technique based on his or her medical training, experience, and patient evaluation.

Indications

Indications for use include rheumatoid arthritis; post-traumatic arthritis, osteoarthritis, or degenerative arthritis in older patients whose age, weight, and activity level are compatible with an adequate long-term result; failed osteotomies, unicompartmental replacement, or total knee replacement. This system is designed for use in patients in primary and revision surgery, where the anterior and posterior cruciate ligaments are incompetent and the collateral ligaments remain intact.

JOURNEY[◇] Bi-Cruciate Stabilized Knee System

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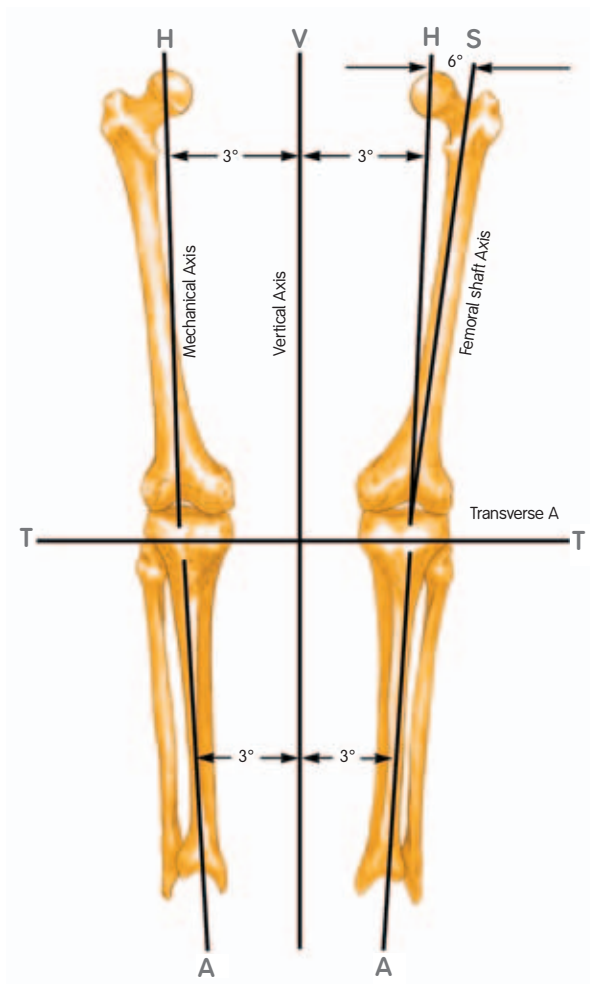
Nota Bene

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

Prologue

Pre-operative 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.



Incision

Leg Position

Appropriate leg position is crucial when performing less invasive total knee arthroplasty. During the procedure, the knee is flexed to 70-90°. Hyperflexion is used only intermittently for specific portions of the case, such as insertion of the tibial component. To aid in holding the leg, a sandbag is placed across from the contralateral ankle when positioning the patient on the table.

Incision

With the leg fully extended, a longitudinal incision measuring 9.55 to 12cm (3³/₄" to 4³/₄") is made over the anterior aspect of the knee along the medial border of the patella. The incision extends approximately from the middle of the tibial tubercle to a point slightly proximal to the superior pole of the patella. If significant tension is noted at the skin edges, the incision should be extended to minimize risk of wound edge necrosis.

Arthrotomy

The procedure can be performed using a "mini-patellar" capsulotomy or a "mini-mid-vastus" capsulotomy. The mid-vastus may offer some advantages for quicker recovery of extensor function post-operatively. However, in cases where the extensor mechanism is stiff or the patient is heavily muscled, the parapatellar capsulotomy may allow easier mobilization of the patella. Either type of arthrotomy can be extended to conventional length if exposure is problematic.

For the mini-mid-vastus approach, begin 5mm medial to the tibial tubercle and extend dissection around the medial border of the patella. The arthrotomy is extended up to the proximal border of the patella.

The suprapatellar pouch is identified, separated from the underside of the tendon and preserved.

The distal extent of the vastus medialis (VMO) is identified and the orientation of the fibers is determined. An oblique cut is made to the VMO and the muscle fibers are then spread bluntly for approximately 2cm.



Exposure

With the leg extended, the patella is retracted laterally. The fat pad is excised both medially and laterally leaving a small amount of fat deep under the patellar tendon. The patellar tendon proximal to the tubercle is dissected from the tibia. The release of the anterior horn of the lateral meniscus at this point will facilitate retraction of the extensor mechanism and exposure to the lateral side. The anterior horn of the medial meniscus is divided and dissection is carried around the proximal medial tibia using electrocautery and an osteotome.

A thin bent Hohmann is placed into the lateral side to hold the patella in a subluxed position while a second Hohmann or a Z-retractor is placed along the medial border of the proximal tibia to protect the medial collateral ligament.

Note: Excessive tension on the retractors is not necessary and can sometimes hamper the exposure.

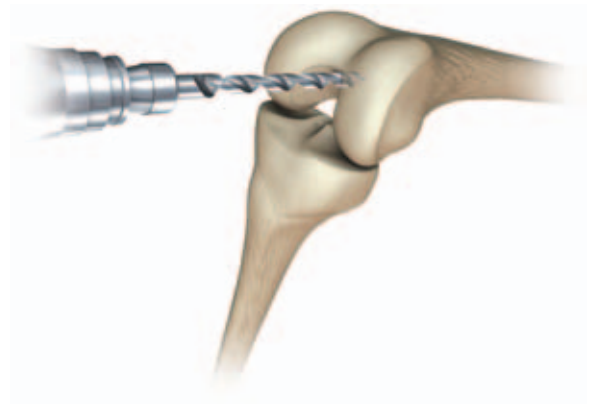


The proximal soft tissue attachments extending around the proximal medial tibia are released in the standard fashion. Finally, divide and excise the anterior cruciate ligament.

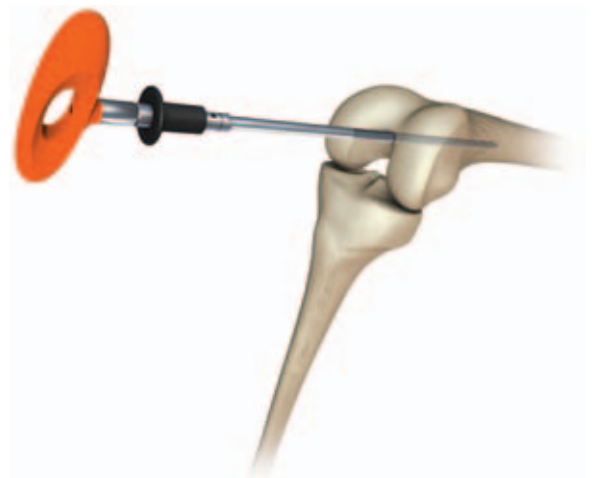
Note: In patients with tight extensor mechanism (usually larger, muscular patients or those with abundant patellar osteophytes), the patella is cut at this time.

Intramedullary Femoral Alignment

1. Open the femoral canal with the 9.5mm Intramedullary Drill. The drill has a 12mm step to open the entry point further. If desired, use the drill to open the tibial canal at this step.



2. Use the Quick Connect T-Handle to insert the 8mm Intramedullary Rod into the femoral canal.



Intramedullary Drill,
9.5 mm
Cat. No. 74012111



Quick Connect
T-Handle
Cat. No. 74012124

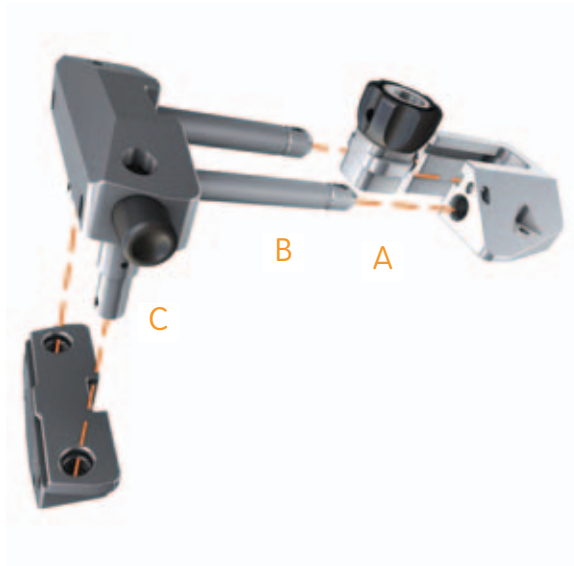


Intramedullary Rod,
Medium
Cat. No. 71512030

Distal Femoral Resection

Instrument Assembly

- A. Place the desired angle Valgus Collet (5°-9°) into the Valgus Alignment Guide (available in Left and Right). Tighten the Valgus Collet Knob in the posterior end of the slot.
- B. Slide the two long pins of the Valgus Guide Bridge into the two holes of the Valgus Alignment Guide.
- C. Press in the button on the side of the Valgus Bridge and assemble the Distal Cutting Block until flush. Release the button to lock. If desired, the Distal Block can be set to +2mm or +4mm additional resection.



1. Slide the Distal Femoral Cutting Block assembly over the Intramedullary Rod until the Valgus Alignment Guide touches at least one of the distal femoral condyles.
2. Orient the rotation of the assembly neutral to the AP Axis. If desired, pin through the Valgus Guide with a Bone Spike.
3. Use Trochar Pins to secure the Distal Femoral Cutting Block to the anterior femur through the two holes marked "0". It is advised to pre-drill the holes to prevent liftoff of the assembly.



JOURNEY° Valgus Collet, 6°
Cat. No. 74012226



JOURNEY Valgus Alignment Guide Left
Cat. No. 74012211



JOURNEY Valgus Guide Bridge
Cat. No. 74012241



JOURNEY Distal Cutting Block, Slotted
Cat. No. 74012231



Bone Spike , Long
Cat. No. 71512450

4. Remove the Intramedullary Rod using the Quick Connect T-Handle and depress the button on the Valgus Guide Bridge to remove the Valgus Alignment Guide, Collet and Bridge assembly. Only the Distal Femoral Cutting Block should remain on the femur. If necessary, use the Slap Hammer to remove any bone spikes.

5. The Femoral Shim Plate can be used to assess the resection level. Once an adequate distal resection level is noted, an additional bone spike or trochar should be placed obliquely to provide additional stability.

Note: The lines on the top of the distal block indicate the orientation of the oblique holes.



Quick Connect
Trochar Pin, 1/8 x 3
Cat. No. 74012904



JOURNEY® Femoral
Shim Plate
Cat. No. 74012909



Fixation Pin,
Headed, Short
Cat. No. 74012907

Distal Femoral Resection

The Journey Femoral Component features a proportional distal resection for the Small, Standard and Large sizes (see table).

If the approximate size of the femur is uncertain, the Medial/Lateral Sizer can be used to estimate the size to determine the appropriate distal resection. The Medial/Lateral sizer should be used 5-10mm posterior to epicondylar axis.

If the approximate size is between a size 2 and size 3 or between a size 9 and size 10, it is recommended to do one of the following:

Technique A

1. Make the distal resection for the larger of the two sizes and proceed as normal.

Technique B

1. Make the smaller distal resection.
2. Leave the two trochar pins and remove the Distal Cutting Block.
3. Size the distal femur. If the femur is the smaller size then proceed as normal. If the femur is the larger size, replace the Distal Cutting Block over the "+2" holes.

Note: The Distal Cutting Block is designed to remove 9.5 mm off of the distal femur. To remove 7.5 mm for either the size 1 or size 2 femoral component, pin the Distal Cutting Block through the "+2" holes, remove the Valgus Alignment Guide assembly, and shift the Distal Cutting Block up to the "0" holes.

	Size	Distal Resection
Small	1-2	7.5mm
Standard	3-8	9.5mm
Large	9-10	11.5mm

6. Resect the distal femur and then remove the Distal Femoral Cutting Block.

Note: If the patient presents with a flexion contracture, it is advisable to make the tibial resection to check the extension space before making any further femoral resections.



Recommended Sawblades*	
Cat. No.	Description
71512901	Stryker 2000 3/4" fanned
71512902	Old Stryker 3/4" fanned
71512903	Amsco Hall 3/4" fanned
71512904	3M 3/4" fanned
71512905	Stryker 2000 1/2" straight
71512906	Old Stryker 1/2" straight
71512907	Amsco Hall 1/2" straight
71512908	3M 1/2" straight
71512910	VersiPower Plus 3/4" fanned
71512911	PowerPro 3/4" fanned
Or any 0.053" or 1.35mm thickness sawblade	

Sizing Procedure

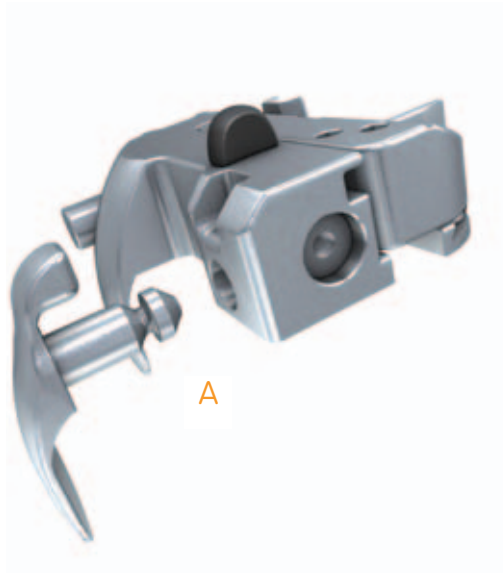
1. Place the DCF Sizing Guide (available in Left and Right) on the distal femur. The Quick Connect Handle can be used to control insertion of the Sizing Guide. Position the medial posterior paddle of the Sizing Guide flush against the medial posterior condyle and rotate the Sizing Guide to the AP Axis or to the Epicondylar Axis to set external rotation.
2. Place two bone spikes or trochar pins into the Guide to secure rotation. Ensure that the pin holes are located in the center of the resected distal condyles by sliding the AP guide's axis indicator to the center of the trochlear groove. Use the Hex Driver to lock the indicator position with the set screw.



Note: Separate holes are indicated on the sizing guide for femoral sizes 1 and 2.

Instrument Assembly

- A. To reference the posterior condylar axis, assemble the Modular Lateral Posterior Paddle (available in standard and large and in left and right) before placing the Sizing Guide on the femur.



JOURNEY® DCF
Sizing Guide Left
Cat. No. 74012311



Quick Connect
Handle
Cat. No. 74012906



JOURNEY DCF
Lateral Posterior
Paddle Standard Left
Cat. No. 74012321

3. Depress the button on the Anterior Femoral Stylus and assemble with the Sizing Guide then release. Position the Stylus so that it contacts the lateral ridge of the anterior cortex where the anterior flange will end. Size markings on the stylus indicate the height of the lateral anterior flange of the femoral component at the level of the lateral anterior flange. The knob can be tightened to lock the anterior stylus position.

4. Determine the size of the component from the graduations on the shaft of the Sizing Guide.

Note: If between sizes, select the larger size. If a smaller size is desired, the femoral resections can be shifted anteriorly at the Femoral Preparation step to prevent anterior notching.

5. Remove the Anterior Femoral Stylus and Sizing Guide and fixation pins.



JOURNEY® Anterior
Femoral Stylus
Cat. No. 74012331

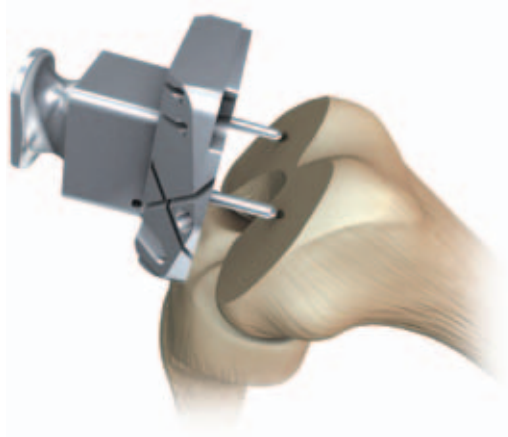
Femoral Preparation

Instrument Assembly

- A. Turn the knob of the appropriate size DCF AP Femoral Block so that the highlighted indicator is aligned with “Post Ref” on the block body. This position indicates posterior referencing AP placement.
- B. Slide the AP Block Impactor over the knob of the AP Block. The Impactor will only assemble if the knob is aligned with the “Post Ref”.

1. Position the spikes on the DCF AP Femoral Block into the predrilled holes. Use the Mallet to impact the AP Block assembly until the block is flush with the resected distal femur. Remove the AP Block Impactor.
2. The posterior resection will match the implant thickness when the highlighted indicator in the AP Block knob is aligned with “Post. Ref”.

Note: If desired, the AP Block can be adjusted up to 2mm anteriorly to prevent anterior notching or up to 2mm posteriorly to optimize the flexion space by turning the center knob to adjust the AP position of the resections. The Resection Check can be used in the anterior slot to assess the resection level at the anterior cortex. The lock in the center of the knob can be engaged with the Hex Driver to prevent any unintentional AP movement.



JOURNEY® DCF AP
Femoral Cutting
Block Size 5
Cat. No. 74012415



JOURNEY DCF AP
Femoral Block
Impactor
Cat. No. 74012421



Mallet
Cat. No. 74012901

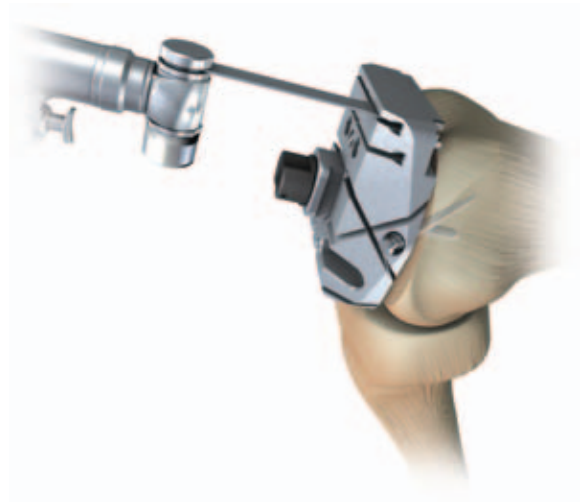


JOURNEY Resection
Check
Cat. No. 74012431



JOURNEY 3.5 mm
Hex Driver
Cat. No. 74012441

3. Several holes in the AP Block allow fixation to the distal femur. The Bone Spikes should be impacted completely down to avoid contact with the oscillating saw. Any bone spikes placed in either the medial or lateral anterior spike holes should be removed before making the anterior chamfer resection.
4. Complete the cuts in the order indicated on the block: anterior, anterior chord, posterior, posterior chamfer and anterior chamfer.



Downsizing the Femoral Component

1. Place the smaller DCF AP Block into the pre-drilled holes. Turn the center knob of the AP Block until either the highlighted indicator is aligned with the "2mm A" mark or the anterior resection cutting slot is aligned with the anterior resection. This can be verified using the Femoral Shim Plate.
2. Secure the AP Block to the distal femur and remake the cuts as indicated on the block: anterior, anterior chord, posterior, posterior chamfer and anterior chamfer.

Additional Distal Resection

1. If the predrilled holes in the anterior cortex can be located, place two Trochar Pins into the anterior femur. Place the Distal Cutting Block over the Trochar Pins through the spike holes at the desired resection level.
2. If the predrilled holes can not be found, place the Femoral Shim Plate through the Distal Block resection slot and position the Plate onto the distal resection. Pin the Distal Block through the "O" holes. Remove the Shim Plate, and then shift the block to the desired resection level, pin obliquely, and remake the distal resection.
3. Place the DCF AP Block into the pre-drilled holes on the distal resection. Turn the center knob of the AP Block until the anterior resection cutting slot is aligned with the anterior resection. This can be verified using the Femoral Shim Plate.
4. Secure the AP Block to the distal femur and remake the cuts as indicated on the block: anterior, anterior chord, posterior, posterior chamfer and anterior chamfer.

Tibial Preparation

Extramedullary Tibial Alignment

Instrument Assembly

- A. Depress the distal lock knob and insert the Ankle Clamp through the chamfered hole at the distal end of the Extramedullary Tibial Alignment Guide.
- B. Depress the proximal lock knob and insert the selected Up Rod (also available in Distal and Proximal Fixation) into the proximal end of the Extramedullary Tibial Alignment Guide.
- C. Slide the Tibial Cutting Block over the selected D-shaped shaft of the selected Up Rod, and lock the set screw.
- D. The lock knobs can be threaded tight to provide additional stability to the Ankle Clamp and the Tibial Alignment Guide assembly.



1. Place the Extramedullary Tibial Ankle Clamp around the patient's ankle and align the Extramedullary Tibial Alignment Guide parallel to the Tibial Axis in the coronal and sagittal planes.



EM Tibial Alignment Guide
Cat. No. 74018311



EM Tibial Stylus
Cat. No. 74018321



Ankle Clamp
Cat. No. 74018331



EM Distal Fixation Up Rod
Cat. No. 74018341



Tibial Cutting Block, MIS Left
Cat. No. 74018411

Option 1 – Extramedullary Tibial Distal Fixation Up Rod (available in Left and Right)

2. Rotate the Distal Fixation Up Rod to the medial one-third of the tibial tubercle. Secure the up rod to the most distal aspect of the incision using a Trochar Pin.
3. Adjust the resection level on the Extramedullary Tibial Stylus to the desired level. Insert the Extramedullary Tibial Stylus into the Tibial Cutting Block.



Option 2 – Extramedullary Tibial Up Rod

2. Adjust the resection level on the Extramedullary Tibial Stylus to the desired level. Insert the Extramedullary Tibial Stylus into the Tibial Cutting Block.

Note: The 9mm Insert resection level of the Extramedullary Tibial Stylus is highlighted in orange for medial referencing on one side and lateral referencing on the other.

Option 3 - Extramedullary Proximal Fixation Up Rod

2. Impact the posterior spike to secure the Proximal Fixation Up Rod to the tibial plateau. Rotate the extramedullary alignment guide assembly to the medial one-third of the tibial tubercle and impact the anterior spike of the up rod.
3. Adjust the resection level on the Extramedullary Tibial Stylus to the desired level. Insert the Extramedullary Tibial Stylus into the Tibial Cutting Block.



4. Adjust the resection level of the Tibial Cutting Block and use the set screw to lock the position. Pin the block into place in at least two of the 0mm resection holes. If desired, pin through the oblique hole if there are no pins in the medial set of spike holes.
5. If desired, remove the EM Alignment Assembly.



Note: If using the Proximal Fixation Up Rod, fully unthread the proximal lock knob and turn the lock out cam 90°. Use the Slap Hammer to remove the up rod from the proximal tibia.

6. Complete the tibial resection.



Proximal Fixation
Up Rod
Cat. No. 74018351

Intramedullary Tibial Alignment

1. Open the tibial canal with the 9.5mm Intramedullary Drill. The drill has a 12mm step to open the entry point further.
2. Use the Quick Connect T-Handle to insert the 8mm Intramedullary Rod into the tibial canal.
3. Slide the Tibial Cutting Block over the Intramedullary Tibial Stylus down rod from the distal end.
4. Depress the posterior lock knob and slide the Stylus over the Intramedullary Rod. Rotate the Tibial Stylus until the down rod is aligned with the medial 1/3 of the tibial tubercle.
5. Move the medial and lateral styli to the medial and lateral reference points, respectively, of the tibial plateau.

Note: The medial reference point is the sulcus of the concavity and the lateral reference point is the high point of the convexity.

6. Use the block set screw to adjust the resection level so that the top of the Tibial Block is aligned with the desired graduations on the down rod. The 9mm Insert resection level is indicated in orange on the down rod.



Intramedullary Tibial Stylus
Cat. No. 74018211

7. Depress the anterior lock knob to slide the Tibial Cutting Block closer to the tibia.
Note: If desired, tighten the lock knob(s) for additional stability on the Intramedullary Rod and the AP rod.
8. Drill through the 0mm spike holes and use Trochar Pins to secure the Block to the tibia. If desired, pin through the oblique hole if there are no pins in the medial set of spike holes.
Note: Ensure that pins directed toward the Intramedullary Rod are not fully seated until the IM Rod is removed.
9. If desired, remove Intramedullary Tibial Stylus.
10. Complete the tibial resection.

Additional Tibial Resection – Recut

1. Place the Tibial Block over the Trochar Pins through the +2mm or +4mm holes.
2. If it is desirable to change the varus/valgus angle of the resection, place a Trochar Pin through the central hole on the distal surface of the block.
3. Remove all other pins and rotate the block to the desired Varus/Valgus alignment. Place at least two Trochar Pins into previously unused holes and recut the tibia.

Flexion/Extension Balance Assessment

1. Assemble the Quick Connect Handle and the 9mm Flexion/Extension Spacer to the Flexion/Extension Block (available in Small, Standard and Large). Other Spacers are available for assembly with the block to simulate additional insert thicknesses.
2. Insert the Flexion/Extension Block between the distal or posterior resection (105°) and the tibial resection to assess the balance and alignment of the limb.

Note: Due to flexed posterior cut, flexion will be checked in 105° of flexion.

3. The Extramedullary Alignment Rod can be inserted through the Quick Connect Handle to check limb alignment.



9mm Flexion/
Extension Spacer
Cat. No. 74018608



Extramedullary
Alignment Rod
Cat. No. 74018631

BCS Box Preparation

Instrument Assembly

- A. Slide the Femoral Trial Impactor into the T-Slot of the Femoral Trial. Engage the Impactor detents into the medial and lateral notches in the T-Slot.
- B. Tighten the lock knob to secure the trial.

1. Place the Femoral Trial onto the femur by positioning the proximal edge of the posterior condyles at the proximal end of the posterior resection.
2. Impact on the angled surface of the Femoral Trial Impactor to rotate the Femoral Trial from posterior to anterior until the distal surface is completely flush with the distal resection.
3. Use the Short Bone Spikes to secure the Femoral Trial to the femur. Loosen the lock knob of the Femoral Trial Impactor and remove anteriorly, leaving the trial in place.



4. Lightly impact the appropriate size BCS Collet into the T-slot of the Femoral Trial from the anterior side until the medial and lateral locking pins secure the BCS Collet to the Femoral Trial.



Femoral Trial
Impactor
Cat. No. 74012513



T-Slot Femoral Trial
Cat. No. 74031125



BCS Collet
Cat. No. 74012533

5. Insert the appropriate size BCS Reamer into the BCS Collet and ream anteriorly and posteriorly.

Note: The Quick Connect Handle can be assembled to the BCS Collet to provide additional stability.



6. Press the release button on the side of the BCS Collet to reveal the chisel guide.

7. Insert the appropriate size BCS Chisel into the chisel guide. Impact the Chisel through the guide until flush with the collet. The BCS Chisel will advance in a proximal and posterior direction.

8. Remove the BCS Collet by depressing the anterior release button.

9. Remove any remaining bone debris within the box preparation area.



BCS Reamer
Cat. No. 74012543



BCS Chisel
Cat. No. 74012563

Femoral and Tibial Trialing

1. Position the anterior tabs of the BCS Box Trial into the Femoral Trial's anterior recess and rotate the Box Trial posteriorly until the Femoral Trial detents have secured the Box Trial.



2. Position the Tibial Trial onto the resected tibia for best coverage. Use the Short Bone Spikes to secure the trial.



3. Place the appropriate size and desired thickness Articular Insert Trial onto the Tibial Trial. To trial thicknesses greater than 15mm, assemble the appropriate thickness Articular Insert Spacer Trial with the 13mm Articular Insert Trial.



BCS Box Trial
Cat. No. 74031145



Tibial Trial
Cat. No. 74032224



Articular Insert Trial
Cat. No. 74033244



Pin Driver
Cat. No. 71513366

4. Perform a trial range of motion and perform any desired adjustments.

5. After final placement has been determined, use a cautery to mark the location of the laser etch lines on the anterior periphery of the Tibial Trial.



6. Remove the Insert Trial and punch through the Tibial Trial with the appropriate size Stem/Fin Punch.

7. Use the single flange end of the Slap Hammer Extractor to remove the Short Bone Spike(s) from the Femoral Trial.



8. Use the Femoral Trial Extractor to remove the Femoral and Box Trial assembly. Position the recess in the extractor over the anterior cam of the Femoral Trial and lever the extractor posteriorly.



Stem/Fin Punch
Cat. No. 74018813

Femoral Trial
Extractor
Cat. No. 74012610

Patellar Preparation

The recommended time to prepare the patella is after all tibial and femoral cuts are made, but prior to trial placement. In some cases, the patella is cut just after the arthrotomy to facilitate exposure.

Rotate the patella to 90°, measure its thickness and determine the appropriate diameter implant.

Reaming Technique

Reamer Guide Instrument Assembly

- A. Select the correct diameter Patella Reamer Collet and slide it into place on the Patellar Reamer Guide.
- B. Attach the Patellar Depth Gauge for the selected patellar design to the reamer guide. The reaming trial color and depth for each design is as follows:
 - Biconvex patellae (blue) – 13mm
 - Resurfacing patellae (red) – 9mm
 - Small resurfacing patellae (rust) – 7.5mm



Patella Reamer
Collet
Cat. No. 71440512



Patellar Reamer
Guide
Cat. No. 74019201



Calipers
Cat. No. 114943



Biconvex Patellar
Depth Gauge
Cat. No. 71440328



Resurfacing Patellar
Depth Gauge
Cat. No. 71440330

Patella Reamer Shaft, Reamer and Depth Stop Instrument Assembly

- A. Select the appropriate diameter and style Patella Reamer.
- B. Align the laser mark lines on the Patella Shaft and the Patella Reamer. Depress the thumb switch on the Patella Reamer Shaft, connect and rotate the Patella Reamer. Release the thumb switch when the Patella Shaft and Patella Reamer are fully engaged.
- C. Align the D-shape opening in the Patella Depth Stop with the D-shape of the Patella Reamer Shaft. Depress the button on the Patella Depth Stop and slide over the Patella Reamer Shaft. Release the button when the Depth Stop first engages the Reamer Shaft teeth.



1. Attach the Patella Reamer Guide to the patella and tighten the reamer guide on the patella.
2. Use the Patella Calipers to measure the patella thickness through the collet and guide.
3. Attach the Patella Reamer Shaft assembly to the drill and lower the reamer through the Patellar Reamer Guide until the reamer dome contacts the patella.
4. Swing the Patellar Depth Gauge around so that the "claw" contact surrounds the Patellar Reamer Shaft.
5. Lower the Patellar Depth Stop until it contacts the Patellar Depth Gauge.
6. Remove the depth gauge.



Biconvex Patellar Reamer
Cat. No. 71440636



Resurfacing Patellar Reamer
Cat. No. 71440348



Patellar Depth Stop
Cat. No. 74019302



Patellar Reamer Shaft
Cat. No. 74019305



Biconvex Patella Trial
Cat. No. 74034626



Calipers
Cat. No. 114943

7. Ream the patella until the Patellar Depth Stop engages the Patella Reamer Collet. Remove the reamer assembly from the Patella Reamer Collet and remove any loose material from the patella.

Biconvex (Inset) Patella

8. If the Biconvex design is selected, use a towel clip to insert the appropriate diameter Biconvex Patella Trial into the recess in the patella. Use the Patella Caliper to reassess the patella thickness. If the desired thickness is achieved, remove the Patella Reamer Guide Assembly from the patella.

Note: To decrease the patella thickness further, depress the button on the depth stop to raise it on the Patella Reamer Shaft. Each tooth adjustment will ream an additional 1mm. Engage the Patella Reamer back into the Patella Reamer Collet and ream the patella until the Patellar Depth Stop engages the Patella Reamer Collet.



Resurfacing (Onset) Patella

8. If the Resurfacing design is selected, use the Patella Caliper to reassess the patella thickness. If the desired thickness is achieved, remove the Patella Reamer Guide Assembly from the patella.

Note: To decrease the patella thickness further, depress the button on the Patellar Depth Stop to raise it on the Patella Reamer Shaft. Each tooth adjustment will ream an additional 1mm. Engage the Patella Reamer back into the Patella Reamer Collet and ream the patella until the depth stop engages the Patella Reamer Collet.

9. Remove the Patella Reamer Collet from the Patella Reamer Guide.
10. Select the appropriate diameter Resurfacing Patella Drill Guide and slide it onto the Patella Reamer Guide. Attach the Patella Reamer Guide Assembly to the reamed patella and tighten the reamer guide on the patella.
11. Use the Patella Peg Drill to drill the three pegs through the Patella Drill Guide until the drill bottoms out in the guide.
12. Remove the Patella Reamer Guide and drill guide from the patella.
13. Place the Resurfacing Patellar Trial onto the resected patella. Use the Patella Caliper to reassess the patella thickness.



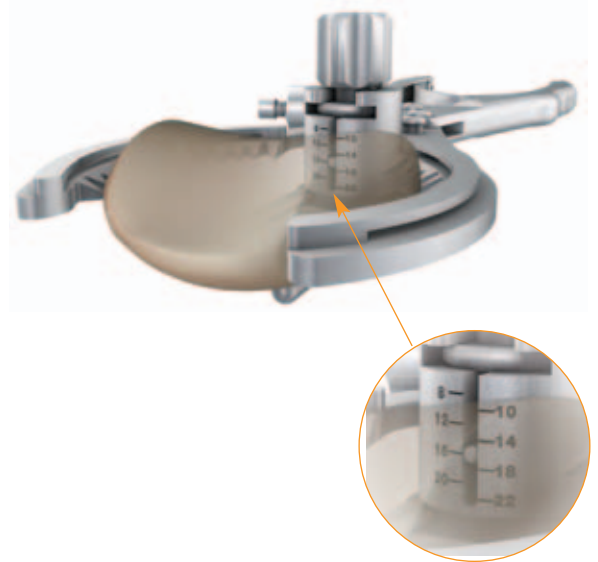
JOURNEY®
Resurfacing Patella
Drill Guide
Cat. No. 74010426



Patella Peg Drill
Cat. No. 74010401

Resection Guide Technique

1. Measure the overall thickness of the patella with the Patellar Caliper.
2. Subtract from this number the thickness of the JOURNEY® Resurfacing Patellar Component, which is 9mm for standard and 7.5mm for small.
3. The Patella Resection Guide should be set at the amount of bone that should remain after cutting the patella – i.e. the difference between the original patellar thickness and the thickness of the resurfacing patella. The guide is set at this level by turning the knurled knob.



For example:

- A. Measure the overall thickness of the patella with the Patellar Caliper. For this example, the patella measures 25mm.
- B. Subtract the thickness of the Resurfacing Patellar Component. In this example, 9mm ($25\text{mm} - 9\text{mm} = 16\text{mm}$). The guide should be set at 16mm for this example.



Patella Resection
Guide
Cat. No. 71440391

4. Cut the patella through the dedicated saw guides.
5. Select the appropriate diameter Resurfacing Patella Drill Guide and slide it onto the Patella Reamer Guide. Attach the Patella Reamer Guide Assembly to the resected patella and tighten the reamer guide on the patella.
6. Use the Patella Peg Drill to drill for the three peg holes through the Patella Drill Guide until the drill bottoms out in the guide.
7. Remove the Patella Reamer Guide and Drill Guide from the patella.
8. Place the Resurfacing Patellar Trial onto the resected patella. Use the Patella Caliper to reassess the patella thickness.

Final Implantation

Tibial Component

1. Maximally flex the knee and place a thin bent Hohmann laterally and medially and an Aufranc Retractor posteriorly to subluc the tibia forward.
2. Apply cement to the proximal tibia and seat the Tibial Component into the stem/fin recess in the tibia.
3. Use the Tibial Implant Impactor and Mallet to fully seat the Tibial Baseplate Component onto the proximal tibia.
4. Remove excess cement.

Femoral Component

Instrument Assembly

- A. Assemble the Femoral Implant Impactor Bumper (available in Left and Right) onto the Femoral Implant Impactor.
- B. Unthread the lock knob completely.
- C. Press the thumb lever on the posterior side on the Femoral Implant Impactor and push the dual arm mechanism upwards.
- D. Position the taller arm inside the posterior cam of the femoral component and position the shorter arm on the anterior cam and release the thumb lever.
- E. Thread the lock knob until hand tight.



Femoral Implant
Impactor Bumper,
Left
Cat. No. 74012821



Femoral Implant
Impactor
Cat. No. 74012811



Tibial Implant
Impactor
Cat. No. 74018901

1. Flex the knee to 90° keeping the thin bent Hohmann laterally and removing the Aufranc Retractor.

2. Mix and prepare bone cement for femoral component and distal femur.

Note: Care should be taken to avoid excess cement on the posterior aspect of the femur and femoral component. Excess cement that extrudes posteriorly is difficult to remove.

3. Place the appropriate size Tibial Baseplate Cover onto the Tibial Component to protect it during Femoral Component implantation.

4. Place the Femoral Component onto the femur by positioning the proximal edge of the posterior condyles at the proximal end of the posterior resection.

5. Impact on the angled surface of the Femoral Implant Impactor to rotate the Femoral Component from posterior to anterior until the distal surface is completely flush with the distal resection.

6. Unthread the lock knob completely. Rotate the Femoral Implant Impactor posteriorly to disengage it from the Femoral Component.

7. Remove excess cement giving particular care to remove cement along the proximal portion of the femoral cam.

8. Extend the knee to remove cement anteriorly without retracting the proximal soft tissue.



Radiographic Note: The JOURNEY® Bi-Cruciate Knee System features an anatomical joint line in the AP view. The distal condyles of the Femoral Component will present a 3° varus angle relative to the Tibial Component when correctly aligned.



Tibial Baseplate
Cover
Cat. No. 74018823

Articular Insert

1. Clear any debris from the locking mechanism.
2. Manually slide the insert into the tibial baseplate engaging the locking mechanism until the insert periphery is within 3-4mm of the Tibial Component periphery.
3. Hold the insert in position and extend the leg to complete the insertion.
4. Insert the tip of the Articular 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.
5. 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.



Patellar Component

1. Assemble the Patellar Cement Clamp to the Patellar Reamer Guide.
2. Apply bone cement to the reamed patella.
3. Place the patellar implant onto the prepared patella.
4. Clamp the patellar implant into the bone and remove the extruded cement.



Articular Insert
Assembly Tool
Cat. No. 74018911



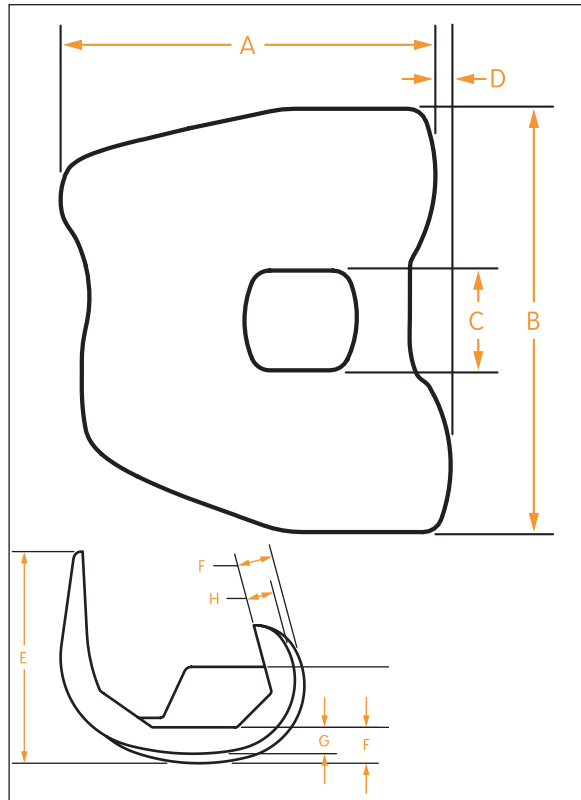
Patellar Cement
Clamp
Cat. No. 74019801

Closure

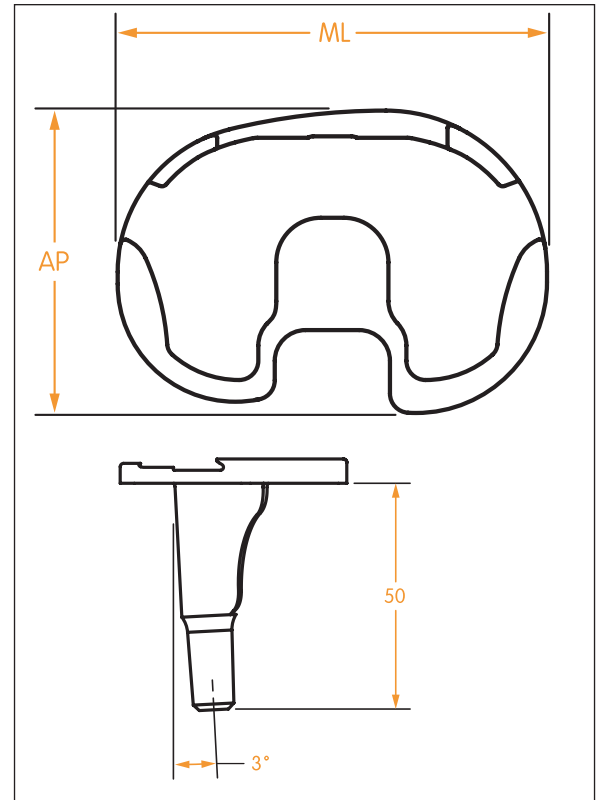
1. Close the arthrotomy by placing three O-Vicryl sutures at the superior border of the patella just distal to the VMO. A stitch is placed to close the VMO fascia. The remainder of the arthrotomy is closed in the standard fashion.
2. Perform routine subcutaneous and skin closure.

Specifications

Femoral Component Dimensions (mm)



Tibial Baseplate Dimensions (mm)



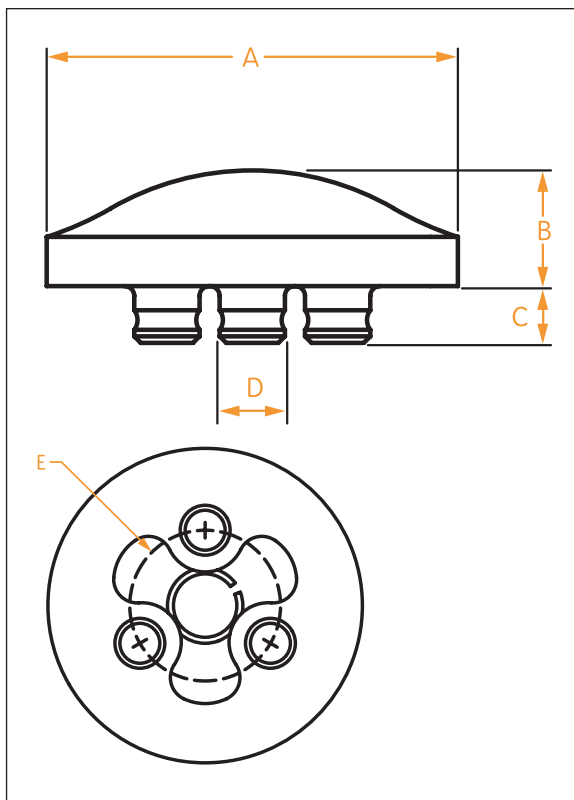
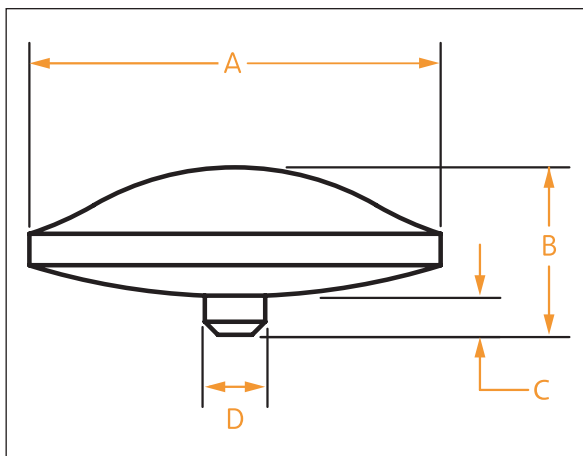
Size	A	B	C	D	E	F	G	H	J
1	51	59	14.5	2.2	49.50	7.5	5.3	5.6	14.00
2	53	61	14.5	2.2	50.75	7.5	5.3	5.6	14.50
3	56	64	16.5	2.5	52.50	9.5	7	7.4	14.00
4	59	67	16.5	2.5	54.25	9.5	7	7.4	15.00
5	62	70	16.5	2.5	56.00	9.5	7	7.4	16.00
6	65	73	16.5	2.5	57.75	9.5	7	7.4	17.25
7	68	76	16.5	2.5	59.50	9.5	7	7.4	18.50
8	71	78	16.5	2.5	61.25	9.5	7	7.4	19.75
9	75	80	16.5	2.5	63.50	11.5	9	9.4	19.00
10	79	82	16.5	2.5	65.75	11.5	9	9.4	20.25

Size	AP	ML
1	42	60
2	45	64
3	48	68
4	50	71
5	52	74
6	54	77
7	56	81
8	59	85

Note: Stem sloped 3° posteriorly. Stem length is 50mm on all nonporous sizes.

Patellar Dimensions Biconvex (mm)

Patellar Dimensions Resurfacing (mm)



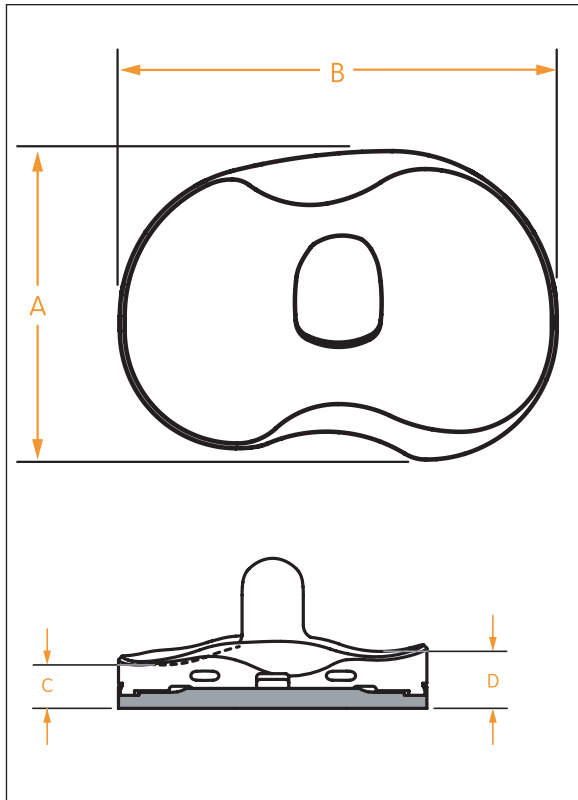
Size	Diameter A	Thickness B	Peg Height C	Peg Diameter D
23mm Small*	23	13	4.1	4.7
26mm Small*	26	13	4.1	4.7
29mm Small*	29	13	3.1	4.7
23mm Std	23	13	4.1	4.7
26mm Std	26	13	4.1	4.7
29mm Std	29	13	3.1	4.7
32mm Std	32	13	3.1	4.7

Size	Diameter A	Thickness B	Peg Height C	Peg Diameter D	Peg Circle Diameter E
26mm Small*	26	7.5	4.4	5.1	15.3
29mm Small*	29	7.5	4.4	5.1	15.3
32mm Small*	32	7.5	4.4	5.1	15.3
26mm Std	26	9	4.4	5.1	15.3
29mm Std	29	9	4.4	5.1	15.3
32mm Std	32	9	4.4	5.1	15.3
35mm Std	35	9	4.4	5.1	17.9
38mm Std	38	9	4.4	5.1	17.9
41mm Std	41	9	4.4	5.1	17.9

* Can only be used with size 1 & 2 femorals

* Can only be used with size 1 & 2 femorals

Articular Insert Dimensions (mm)



9mm Insert	Anterior Posterior A	Medial Lateral B	Medial** Thickness C	Lateral** Thickness D
Size 1-2 Small*	42	60	9.0	11.2
Size 3-4 Small*	48	68	9.0	11.2
Size 1-2 Std	42	60	9.0	11.5
Size 3-4 Std	48	68	9.0	11.5
Size 5-6 Std	52	74	9.0	11.5
Size 7-8 Std	56	81	9.0	11.5

Minimum polyethylene thickness for a 9mm metal-backed component is 6.7mm on the medial side.

* Can only be used with size 1 & 2 femorals.

** Baseplate thickness included.

Insert Offering / Compatibility

Insert Size	Femoral Size									
	Small		Standard							
	1	2	3	4	5	6	7	8	9	10
1-2 Small*	●	●								
3-4 Small*		●								
1-2 Std			●	●						
3-4 Std			●	●	●	●				
5-6 Std				●	●	●	●	●	●	●
7-8 Std						●	●	●	●	●

* Can only be used with size 1 & 2 femorals.

General rule = 2 down / 1 up from femoral size

Catalog Information — Implants

Samples

Cat. No.	Description
74030001	JOURNEY® Femoral OXINIUM® Nonporous BCS Left Size 5
74030002	JOURNEY Articular Insert BCS Standard 3-4 Left 9mm
74030003	JOURNEY Patella Resurfacing 29mm Standard
74030004	JOURNEY Patella Biconvex 29mm Standard
74030005	JOURNEY Tibial Baseplate Nonporous Left Size 4

Femoral Implants

Cat. No.	Description
74021111	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 1
74021112	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 2
74021113	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 3
74021114	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 4
74021115	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 5
74021116	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 6
74021117	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 7
74021118	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 8
74021119	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 9
74021110	JOURNEY Femoral OXINIUM Nonporous BCS Right Size 10
74021121	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 1
74021122	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 2
74021123	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 3
74021124	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 4
74021125	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 5
74021126	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 6
74021127	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 7
74021128	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 8
74021129	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 9
74021120	JOURNEY Femoral OXINIUM Nonporous BCS Left Size 10

Tibial Baseplates

Cat. No.	Description
74022211	JOURNEY Tibial Baseplate Nonporous Right Size 1
74022212	JOURNEY Tibial Baseplate Nonporous Right Size 2
74022213	JOURNEY Tibial Baseplate Nonporous Right Size 3
74022214	JOURNEY Tibial Baseplate Nonporous Right Size 4
74022215	JOURNEY Tibial Baseplate Nonporous Right Size 5
74022216	JOURNEY Tibial Baseplate Nonporous Right Size 6
74022217	JOURNEY Tibial Baseplate Nonporous Right Size 7
74022218	JOURNEY Tibial Baseplate Nonporous Right Size 8
74022221	JOURNEY Tibial Baseplate Nonporous Left Size 1
74022222	JOURNEY Tibial Baseplate Nonporous Left Size 2
74022223	JOURNEY Tibial Baseplate Nonporous Left Size 3
74022224	JOURNEY Tibial Baseplate Nonporous Left Size 4
74022225	JOURNEY Tibial Baseplate Nonporous Left Size 5
74022226	JOURNEY Tibial Baseplate Nonporous Left Size 6
74022227	JOURNEY Tibial Baseplate Nonporous Left Size 7
74022228	JOURNEY Tibial Baseplate Nonporous Left Size 8

Inserts

Cat. No.	Description
74023111	JOURNEY® Articular Insert BCS Small 1-2 Right 9mm*
74023112	JOURNEY Articular Insert BCS Small 1-2 Right 10mm*
74023113	JOURNEY Articular Insert BCS Small 1-2 Right 11mm*
74023114	JOURNEY Articular Insert BCS Small 1-2 Right 13mm*
74023115	JOURNEY Articular Insert BCS Small 1-2 Right 15mm*
74023116	JOURNEY Articular Insert BCS Small 1-2 Right 18mm*
74023117	JOURNEY Articular Insert BCS Small 1-2 Right 21mm*
74023118	JOURNEY Articular Insert BCS Small 1-2 Right 25mm*
74023121	JOURNEY Articular Insert BCS Small 1-2 Left 9mm*
74023122	JOURNEY Articular Insert BCS Small 1-2 Left 10mm*
74023123	JOURNEY Articular Insert BCS Small 1-2 Left 11mm*
74023124	JOURNEY Articular Insert BCS Small 1-2 Left 13mm*
74023125	JOURNEY Articular Insert BCS Small 1-2 Left 15mm*
74023126	JOURNEY Articular Insert BCS Small 1-2 Left 18mm*
74023127	JOURNEY Articular Insert BCS Small 1-2 Left 21mm*
74023128	JOURNEY Articular Insert BCS Small 1-2 Left 25mm*
74023131	JOURNEY Articular Insert BCS Small 3-4 Right 9mm*
74023132	JOURNEY Articular Insert BCS Small 3-4 Right 10mm*
74023133	JOURNEY Articular Insert BCS Small 3-4 Right 11mm*
74023134	JOURNEY Articular Insert BCS Small 3-4 Right 13mm*
74023135	JOURNEY Articular Insert BCS Small 3-4 Right 15mm*
74023136	JOURNEY Articular Insert BCS Small 3-4 Right 18mm*
74023137	JOURNEY Articular Insert BCS Small 3-4 Right 21mm*
74023138	JOURNEY Articular Insert BCS Small 3-4 Right 25mm*
74023141	JOURNEY Articular Insert BCS Small 3-4 Left 9mm*
74023142	JOURNEY Articular Insert BCS Small 3-4 Left 10mm*
74023143	JOURNEY Articular Insert BCS Small 3-4 Left 11mm*
74023144	JOURNEY Articular Insert BCS Small 3-4 Left 13mm*
74023145	JOURNEY Articular Insert BCS Small 3-4 Left 15mm*
74023146	JOURNEY Articular Insert BCS Small 3-4 Left 18mm*
74023147	JOURNEY Articular Insert BCS Small 3-4 Left 21mm*
74023148	JOURNEY Articular Insert BCS Small 3-4 Left 25mm*
74023211	JOURNEY Articular Insert BCS Standard 1-2 Right 9mm
74023212	JOURNEY Articular Insert BCS Standard 1-2 Right 10mm
74023213	JOURNEY Articular Insert BCS Standard 1-2 Right 11mm
74023214	JOURNEY Articular Insert BCS Standard 1-2 Right 13mm
74023215	JOURNEY Articular Insert BCS Standard 1-2 Right 15mm
74023216	JOURNEY Articular Insert BCS Standard 1-2 Right 18mm
74023217	JOURNEY Articular Insert BCS Standard 1-2 Right 21mm
74023218	JOURNEY Articular Insert BCS Standard 1-2 Right 25mm
74023221	JOURNEY Articular Insert BCS Standard 1-2 Left 9mm
74023222	JOURNEY Articular Insert BCS Standard 1-2 Left 10mm
74023223	JOURNEY Articular Insert BCS Standard 1-2 Left 11mm
74023224	JOURNEY Articular Insert BCS Standard 1-2 Left 13mm
74023225	JOURNEY Articular Insert BCS Standard 1-2 Left 15mm
74023226	JOURNEY Articular Insert BCS Standard 1-2 Left 18mm
74023227	JOURNEY Articular Insert BCS Standard 1-2 Left 21mm
74023228	JOURNEY Articular Insert BCS Standard 1-2 Left 25mm

* Can only be used with size 1 & 2 femorals

Inserts (continued)

Cat. No.	Description
74023231	JOURNEY® Articular Insert BCS Standard 3-4 Right 9mm
74023232	JOURNEY Articular Insert BCS Standard 3-4 Right 10mm
74023233	JOURNEY Articular Insert BCS Standard 3-4 Right 11mm
74023234	JOURNEY Articular Insert BCS Standard 3-4 Right 13mm
74023235	JOURNEY Articular Insert BCS Standard 3-4 Right 15mm
74023236	JOURNEY Articular Insert BCS Standard 3-4 Right 18mm
74023237	JOURNEY Articular Insert BCS Standard 3-4 Right 21mm
74023238	JOURNEY Articular Insert BCS Standard 3-4 Right 25mm
74023241	JOURNEY Articular Insert BCS Standard 3-4 Left 9mm
74023242	JOURNEY Articular Insert BCS Standard 3-4 Left 10mm
74023243	JOURNEY Articular Insert BCS Standard 3-4 Left 11mm
74023244	JOURNEY Articular Insert BCS Standard 3-4 Left 13mm
74023245	JOURNEY Articular Insert BCS Standard 3-4 Left 15mm
74023246	JOURNEY Articular Insert BCS Standard 3-4 Left 18mm
74023247	JOURNEY Articular Insert BCS Standard 3-4 Left 21mm
74023248	JOURNEY Articular Insert BCS Standard 3-4 Left 25mm
74023251	JOURNEY Articular Insert BCS Standard 5-6 Right 9mm
74023252	JOURNEY Articular Insert BCS Standard 5-6 Right 10mm
74023253	JOURNEY Articular Insert BCS Standard 5-6 Right 11mm
74023254	JOURNEY Articular Insert BCS Standard 5-6 Right 13mm
74023255	JOURNEY Articular Insert BCS Standard 5-6 Right 15mm
74023256	JOURNEY Articular Insert BCS Standard 5-6 Right 18mm
74023257	JOURNEY Articular Insert BCS Standard 5-6 Right 21mm
74023258	JOURNEY Articular Insert BCS Standard 5-6 Right 25mm
74023261	JOURNEY Articular Insert BCS Standard 5-6 Left 9mm
74023262	JOURNEY Articular Insert BCS Standard 5-6 Left 10mm
74023263	JOURNEY Articular Insert BCS Standard 5-6 Left 11mm
74023264	JOURNEY Articular Insert BCS Standard 5-6 Left 13mm
74023265	JOURNEY Articular Insert BCS Standard 5-6 Left 15mm
74023266	JOURNEY Articular Insert BCS Standard 5-6 Left 18mm
74023267	JOURNEY Articular Insert BCS Standard 5-6 Left 21mm
74023268	JOURNEY Articular Insert BCS Standard 5-6 Left 25mm
74023271	JOURNEY Articular Insert BCS Standard 7-8 Right 9mm
74023272	JOURNEY Articular Insert BCS Standard 7-8 Right 10mm
74023273	JOURNEY Articular Insert BCS Standard 7-8 Right 11mm
74023274	JOURNEY Articular Insert BCS Standard 7-8 Right 13mm
74023275	JOURNEY Articular Insert BCS Standard 7-8 Right 15mm
74023276	JOURNEY Articular Insert BCS Standard 7-8 Right 18mm
74023277	JOURNEY Articular Insert BCS Standard 7-8 Right 21mm
74023278	JOURNEY Articular Insert BCS Standard 7-8 Right 25mm
74023281	JOURNEY Articular Insert BCS Standard 7-8 Left 9mm
74023282	JOURNEY Articular Insert BCS Standard 7-8 Left 10mm
74023283	JOURNEY Articular Insert BCS Standard 7-8 Left 11mm
74023284	JOURNEY Articular Insert BCS Standard 7-8 Left 13mm
74023285	JOURNEY Articular Insert BCS Standard 7-8 Left 15mm
74023286	JOURNEY Articular Insert BCS Standard 7-8 Left 18mm
74023287	JOURNEY Articular Insert BCS Standard 7-8 Left 21mm
74023288	JOURNEY Articular Insert BCS Standard 7-8 Left 25mm

Patellas

Cat. No.	Description
74024523	JOURNEY® Patella Biconvex 23mm Small*
74024526	JOURNEY Patella Biconvex 26mm Small*
74024529	JOURNEY Patella Biconvex 29mm Small*
74024623	JOURNEY Patella Biconvex 23mm Standard
74024626	JOURNEY Patella Biconvex 26mm Standard
74024629	JOURNEY Patella Biconvex 29mm Standard
74024632	JOURNEY Patella Biconvex 32mm Standard
74024726	JOURNEY Patella Resurfacing 26mm Small*
74024729	JOURNEY Patella Resurfacing 29mm Small*
74024732	JOURNEY Patella Resurfacing 32mm Small*
74024826	JOURNEY Patella Resurfacing 26mm Standard
74024829	JOURNEY Patella Resurfacing 29mm Standard
74024832	JOURNEY Patella Resurfacing 32mm Standard
74024835	JOURNEY Patella Resurfacing 35mm Standard
74024838	JOURNEY Patella Resurfacing 38mm Standard
74024841	JOURNEY Patella Resurfacing 41mm Standard

* Can only be used with size 1 & 2 femorals

Catalog Information — Instruments

Universal Femoral Instrument Set

Cat. No. 74010506

Cat. No.	Description
74012111	Intramedullary Drill, 9.5mm
71512035	Profix Intramedullary Rod, Short
71512030	Profix Intramedullary Rod, Medium
71512040	Profix Intramedullary Rod, Long
74012124	Quick Connect T-Handle
74012131	Preliminary Sizer
74012211	JOURNEY® Valgus Alignment Guide Left
74011211	JOURNEY Valgus Alignment Guide Right
74012225	JOURNEY Valgus Collet, 5°
74012226	JOURNEY Valgus Collet, 6°
74012227	JOURNEY Valgus Collet, 7°
74012231	JOURNEY Distal Cutting Block, Slotted
74012241	JOURNEY Valgus Guide Bridge
74012331	JOURNEY Anterior Femoral Stylus
74012906	Quick Connect Handle
74012909	JOURNEY Femoral Shim Plate
74012431	JOURNEY Resection Check
74012902	Quick Connect Pin Chuck
74012904	Quick Connect Trochar Pin, 1/8 x 3
74012905	Quick Connect Drill Pin, 1/8 x 5
74012907	Fixation Pin, Headed, Short
74012441	JOURNEY 3.5mm Hex Driver
71440491	Universal Pin Extractor
74010001	JOURNEY Femoral Instrument Tray

DCF Instrument Set

Cat. No. 74010507

Cat. No.	Description
74012413	JOURNEY DCF AP Femoral Cutting Block Size 3
74012414	JOURNEY DCF AP Femoral Cutting Block Size 4
74012415	JOURNEY DCF AP Femoral Cutting Block Size 5
74012416	JOURNEY DCF AP Femoral Cutting Block Size 6
74012417	JOURNEY DCF AP Femoral Cutting Block Size 7
74012418	JOURNEY DCF AP Femoral Cutting Block Size 8
74012311	JOURNEY DCF Sizing Guide Left
74011311	JOURNEY DCF Sizing Guide Right
74012321	JOURNEY DCF Lateral Posterior Paddle, Short Left
74012322	JOURNEY DCF Lateral Posterior Paddle, Long Left
74011321	JOURNEY DCF Lateral Posterior Paddle, Short Right
74011322	JOURNEY DCF Lateral Posterior Paddle, Long Right
74012421	JOURNEY DCF AP Femoral Block Impactor

JOURNEY® Right Trials Set

Cat. No. 74010509

Right Femoral and Tibial Baseplate Trials Tray

Cat. No.	Description
74031113	JOURNEY Femoral Prep Trial Right Size 3
74031114	JOURNEY Femoral Prep Trial Right Size 4
74031115	JOURNEY Femoral Prep Trial Right Size 5
74031116	JOURNEY Femoral Prep Trial Right Size 6
74031117	JOURNEY Femoral Prep Trial Right Size 7
74031118	JOURNEY Femoral Prep Trial Right Size 8
74031133	JOURNEY BCS Box Trial Right Size 3
74031134	JOURNEY BCS Box Trial Right Size 4
74031135	JOURNEY BCS Box Trial Right Size 5
74031136	JOURNEY BCS Box Trial Right Size 6
74031137	JOURNEY BCS Box Trial Right Size 7
74031138	JOURNEY BCS Box Trial Right Size 8
74032211	JOURNEY Tibial Baseplate Trial Right Size 1
74032212	JOURNEY Tibial Baseplate Trial Right Size 2
74032213	JOURNEY Tibial Baseplate Trial Right Size 3
74032214	JOURNEY Tibial Baseplate Trial Right Size 4
74032215	JOURNEY Tibial Baseplate Trial Right Size 5
74032216	JOURNEY Tibial Baseplate Trial Right Size 6
74032217	JOURNEY Tibial Baseplate Trial Right Size 7
74032218	JOURNEY Tibial Baseplate Trial Right Size 8

Right Insert Trials Tray

Cat. No.	Description
74033211	JOURNEY BCS Insert Trial, Standard Right Sz 1-2 9mm
74033212	JOURNEY BCS Insert Trial, Standard Right Sz 1-2 10mm
74033213	JOURNEY BCS Insert Trial, Standard Right Sz 1-2 11mm
74033214	JOURNEY BCS Insert Trial, Standard Right Sz 1-2 13mm
74033215	JOURNEY BCS Insert Trial, Standard Right Sz 1-2 15mm
74033216	JOURNEY BCS Insert Spacer Trial Right Sz 1-2 18mm
74033217	JOURNEY BCS Insert Spacer Trial Right Sz 1-2 21mm
74033218	JOURNEY BCS Insert Spacer Trial Right Sz 1-2 25mm
74033231	JOURNEY BCS Insert Trial, Standard Right Sz 3-4 9mm
74033232	JOURNEY BCS Insert Trial, Standard Right Sz 3-4 10mm
74033233	JOURNEY BCS Insert Trial, Standard Right Sz 3-4 11mm
74033234	JOURNEY BCS Insert Trial, Standard Right Sz 3-4 13mm
74033235	JOURNEY BCS Insert Trial, Standard Right Sz 3-4 15mm
74033236	JOURNEY BCS Insert Spacer Trial Right Sz 3-4 18mm
74033237	JOURNEY BCS Insert Spacer Trial Right Sz 3-4 21mm
74033238	JOURNEY BCS Insert Spacer Trial Right Sz 3-4 25mm
74033251	JOURNEY BCS Insert Trial, Standard Right Sz 5-6 9mm
74033252	JOURNEY BCS Insert Trial, Standard Right Sz 5-6 10mm
74033253	JOURNEY BCS Insert Trial, Standard Right Sz 5-6 11mm
74033254	JOURNEY BCS Insert Trial, Standard Right Sz 5-6 13mm
74033255	JOURNEY BCS Insert Trial, Standard Right Sz 5-6 15mm
74033256	JOURNEY BCS Insert Spacer Trial Right Sz 5-6 18mm
74033257	JOURNEY BCS Insert Spacer Trial Right Sz 5-6 21mm
74033258	JOURNEY BCS Insert Spacer Trial Right Sz 5-6 25mm
74033271	JOURNEY BCS Insert Trial, Standard Right Sz 7-8 9mm
74033272	JOURNEY BCS Insert Trial, Standard Right Sz 7-8 10mm
74033273	JOURNEY BCS Insert Trial, Standard Right Sz 7-8 11mm
74033274	JOURNEY BCS Insert Trial, Standard Right Sz 7-8 13mm
74033275	JOURNEY BCS Insert Trial, Standard Right Sz 7-8 15mm
74033276	JOURNEY BCS Insert Spacer Trial Right Sz 7-8 18mm
74033277	JOURNEY BCS Insert Spacer Trial Right Sz 7-8 21mm
74033278	JOURNEY BCS Insert Spacer Trial Right Sz 7-8 25mm

JOURNEY° Left Trials Set

Cat. No. 74010510

Left Femoral and Tibial Baseplate Trials Tray

Cat. No.	Description
74031123	JOURNEY° Femoral Prep Trial Left Size 3
74031124	JOURNEY Femoral Prep Trial Left Size 4
74031125	JOURNEY Femoral Prep Trial Left Size 5
74031126	JOURNEY Femoral Prep Trial Left Size 6
74031127	JOURNEY Femoral Prep Trial Left Size 7
74031128	JOURNEY Femoral Prep Trial Left Size 8
74031143	JOURNEY BCS Box Trial Left Size 3
74031144	JOURNEY BCS Box Trial Left Size 4
74031145	JOURNEY BCS Box Trial Left Size 5
74031146	JOURNEY BCS Box Trial Left Size 6
74031147	JOURNEY BCS Box Trial Left Size 7
74031148	JOURNEY BCS Box Trial Left Size 8
74032221	JOURNEY Tibial Baseplate Trial Left Size 1
74032222	JOURNEY Tibial Baseplate Trial Left Size 2
74032223	JOURNEY Tibial Baseplate Trial Left Size 3
74032224	JOURNEY Tibial Baseplate Trial Left Size 4
74032225	JOURNEY Tibial Baseplate Trial Left Size 5
74032226	JOURNEY Tibial Baseplate Trial Left Size 6
74032227	JOURNEY Tibial Baseplate Trial Left Size 7
74032228	JOURNEY Tibial Baseplate Trial Left Size 8

Left Insert Trials Tray

Cat. No.	Description
74033221	JOURNEY® BCS Insert Trial, Standard Left Sz 1-2 9mm
74033222	JOURNEY BCS Insert Trial, Standard Left Sz 1-2 10mm
74033223	JOURNEY BCS Insert Trial, Standard Left Sz 1-2 11mm
74033224	JOURNEY BCS Insert Trial, Standard Left Sz 1-2 13mm
74033225	JOURNEY BCS Insert Trial, Standard Left Sz 1-2 15mm
74033226	JOURNEY BCS Insert Spacer Trial Left Sz 1-2 18mm
74033227	JOURNEY BCS Insert Spacer Trial Left Sz 1-2 2 mm
74033228	JOURNEY BCS Insert Spacer Trial Left Sz 1-2 25mm
74033241	JOURNEY BCS Insert Trial, Standard Left Sz 3-4 9mm
74033242	JOURNEY BCS Insert Trial, Standard Left Sz 3-4 10mm
74033243	JOURNEY BCS Insert Trial, Standard Left Sz 3-4 11mm
74033244	JOURNEY BCS Insert Trial, Standard Left Sz 3-4 13mm
74033245	JOURNEY BCS Insert Trial, Standard Left Sz 3-4 15mm
74033246	JOURNEY BCS Insert Spacer Trial Left Sz 3-4 18mm
74033247	JOURNEY BCS Insert Spacer Trial Left Sz 3-4 21mm
74033248	JOURNEY BCS Insert Spacer Trial Left Sz 3-4 25mm
74033261	JOURNEY BCS Insert Trial, Standard Left Sz 5-6 9mm
74033262	JOURNEY BCS Insert Trial, Standard Left Sz 5-6 10mm
74033263	JOURNEY BCS Insert Trial, Standard Left Sz 5-6 11mm
74033264	JOURNEY BCS Insert Trial, Standard Left Sz 5-6 13mm
74033265	JOURNEY BCS Insert Trial, Standard Left Sz 5-6 15mm
74033266	JOURNEY BCS Insert Spacer Trial Left Sz 5-6 18mm
74033267	JOURNEY BCS Insert Spacer Trial Left Sz 5-6 21mm
74033268	JOURNEY BCS Insert Spacer Trial Left Sz 5-6 25mm
74033281	JOURNEY BCS Insert Trial, Standard Left Sz 7-8 9mm
74033282	JOURNEY BCS Insert Trial, Standard Left Sz 7-8 10mm
74033283	JOURNEY BCS Insert Trial, Standard Left Sz 7-8 11mm
74033284	JOURNEY BCS Insert Trial, Standard Left Sz 7-8 13mm
74033285	JOURNEY BCS Insert Trial, Standard Left Sz 7-8 15mm
74033286	JOURNEY BCS Insert Spacer Trial Left Sz 7-8 18mm
74033287	JOURNEY BCS Insert Spacer Trial Left Sz 7-8 21mm
74033288	JOURNEY BCS Insert Spacer Trial Left Sz 7-8 25mm

JOURNEY® Impactors and Miscellaneous Instruments Set

Cat. No. 74010511

Cat. No.	Description
74018811	JOURNEY Tibial Stem/Fin Punch Size 1-2
74018813	JOURNEY Tibial Stem/Fin Punch Size 3-4
74018815	JOURNEY Tibial Stem/Fin Punch Size 5-6
74018817	JOURNEY Tibial Stem/Fin Punch Size 7-8
74018821	JOURNEY Tibial Baseplate Cover Size 1-2
74018823	JOURNEY Tibial Baseplate Cover Size 3-4
74018825	JOURNEY Tibial Baseplate Cover Size 5-6
74018827	JOURNEY Tibial Baseplate Cover Size 7-8
74018901	JOURNEY Tibial Implant Impactor
74018911	JOURNEY Articular Insert Assembly Tool
74012811	JOURNEY Femoral Implant Impactor
74012821	JOURNEY Femoral Implant Impactor Bumper Left
74011821	JOURNEY Femoral Implant Impactor Bumper Right
74019101	JOURNEY Patella Caliper
71440391	Resection Guide
74012901	Mallet
74012451	JOURNEY Slap Hammer Extractor
74012611	JOURNEY Articular Osteotome
74012831	Femoral Implant Impactor
74018931	Tibial Insert Removal Tool
74018921	Tibial Insert Auxiliary Removal tool

JOURNEY[®] Tibial and BCS Instruments Set

Cat. No. 74010512

Cat. No.	Description
74018603	JOURNEY Flexion/Extension Block Standard
74018608	JOURNEY Flexion/Extension Spacer 9mm
74018610	JOURNEY Flexion/Extension Spacer 10mm
74018611	JOURNEY Flexion/Extension Spacer 11mm
74018613	JOURNEY Flexion/Extension Spacer 13mm
74018615	JOURNEY Flexion/Extension Spacer 15mm
74018618	JOURNEY Flexion/Extension Spacer 18mm
74018621	JOURNEY Flexion/Extension Spacer 21mm
74018625	JOURNEY Flexion/Extension Spacer 25mm
74018631	JOURNEY Extramedullary Alignment Rod
74012906	Quick Connect Handle
74012513	JOURNEY Femoral Trial Impactor Sz 3-10
74012533	JOURNEY BCS Prep Collet Sz 3-5
74012536	JOURNEY BCS Prep Collet Sz 6-10
74012543	JOURNEY BCS Reamer Sz 3-10
74012563	JOURNEY BCS Chisel Sz 3-5
74012566	JOURNEY BCS Chisel Sz 6-10
74010512	Femoral Trial Extractor
74018211	JOURNEY Intramedullary Tibial Stylus
74018311	JOURNEY Extramedullary Tibial Alignment Guide
74018321	JOURNEY Extramedullary Tibial Stylus Medial
74018331	JOURNEY Extramedullary Tibial Ankle Clamp
74018341	JOURNEY EM Tibial Distal Fixation Up Rod Left
74017341	JOURNEY EM Tibial Distal Fixation Up Rod Right
74018342	JOURNEY EM Tibial Up Rod
74018351	JOURNEY EM Proximal Fixation Bridge
74018411	JOURNEY Tibial Cutting Block, MIS Left
74017411	JOURNEY Tibial Cutting Block, MIS Right
74018412	JOURNEY Tibial Cutting Block, Slotted Left
74017412	JOURNEY Tibial Cutting Block, Slotted Right
74018413	JOURNEY Tibial Cutting Block, Nonslotted Left
74017413	JOURNEY Tibial Cutting Block, Nonslotted Right

JOURNEY[®] Patella Instruments and Trials Set

Cat. No. 74010513

Cat. No.	Description
114943	Patella Caliper
74019201	Patella Clamp
71440510	Patella Reamer Collet 23mm
71440512	Patella Reamer Collet 26mm
71440514	Patella Reamer Collet 29mm
71440516	Patella Reamer Collet 32mm
71440518	Patella Reamer Collet 35mm
71440634	Biconvex Patella Reamer 23mm
71440636	Biconvex Patella Reamer 26mm
71440638	Biconvex Patella Reamer 29mm
71440640	Biconvex Patella Reamer 32mm
74019203	Patella Depth Stop
74019204	Patella Reamer Shaft
74019304	JOURNEY Biconvex Patella Reamer Depth Gauge Standard
74019801	Patella Cement Clamp
74010304	JOURNEY Resurfacing Patella Depth Gauge Standard
71440348	Resurfacing Patella Reamer 26mm
71440342	Resurfacing Patella Reamer 29mm
71440344	Resurfacing Patella Reamer 32mm
71440346	Resurfacing Patella Reamer 35mm
74010401	JOURNEY Resurfacing Patella Peg Drill
74010426	JOURNEY Resurfacing Patella Drill Guide 26mm
74010429	JOURNEY Resurfacing Patella Drill Guide 29mm
74010432	JOURNEY Resurfacing Patella Drill Guide 32mm
74010435	JOURNEY Resurfacing Patella Drill Guide 35mm
74034623	Biconvex Trial Standard 23mm
74034626	Biconvex Trial Standard 26mm
74034629	Biconvex Trial Standard 29mm
74034632	Biconvex Trial Standard 32mm
74034826	Resurfacing Trial Standard 26mm
74034829	Resurfacing Trial Standard 29mm
74034832	Resurfacing Trial Standard 32mm
74034835	Resurfacing Trial Standard 35mm

Large Patellas

Cat. No.	Description
71440744	Patella Reamer Collet 38mm
71440745	Patella Reamer Collet 41mm
71440751	Resurfacing Patella Reamer 38mm
71440752	Resurfacing Patella Reamer 41mm

JOURNEY° Small Instruments and Trials

Cat. No. 74010514

Femoral Size 1-2 Tray

Cat. No.	Description
74018601	JOURNEY Flexion/Extension Block
74012411	JOURNEY DCF AP Femoral Cutting Block Size 1
74012412	JOURNEY DCF AP Femoral Cutting Block Size 2
74031141	JOURNEY BCS Box Trial Left Size 1
74031131	JOURNEY BCS Box Trial Right Size 1
74031142	JOURNEY BCS Box Trial Left Size 2
74031132	JOURNEY BCS Box Trial Right Size 2
74014441	JOURNEY ACF AP Femoral Cutting Block 1
74014442	JOURNEY ACF AP Femoral Cutting Block 2
74031121	JOURNEY Femoral Prep Trial Left Size 1
74031111	JOURNEY Femoral Prep Trial Right Size 1
74031122	JOURNEY Femoral Prep Trial Left Size 2
74031112	JOURNEY Femoral Prep Trial Right Size 2
74012531	JOURNEY BCS Prep Collet SZ 1-2
74012541	JOURNEY BCS Reamer 1-2
74012561	JOURNEY BCS Chisel
74012511	JOURNEY Femoral Trial Impactor Sz 1-2

Tibial Size 1-2 Tray

Cat. No.	Description
74033121	JOURNEY BCS Insert Trial, Small Left Sz 1-2 9mm
74033122	JOURNEY BCS Insert Trial, Small Left Sz 1-2 10mm
74033123	JOURNEY BCS Insert Trial, Small Left Sz 1-2 11mm
74033124	JOURNEY BCS Insert Trial, Small Left Sz 1-2 13mm
74033125	JOURNEY BCS Insert Trial, Small Left Sz 1-2 15mm
74033141	JOURNEY BCS Insert Trial, Small Left Sz 3-4 9mm
74033142	JOURNEY BCS Insert Trial, Small Left Sz 3-4 10mm
74033143	JOURNEY BCS Insert Trial, Small Left Sz 3-4 11mm
74033144	JOURNEY BCS Insert Trial, Small Left Sz 3-4 13mm
74033145	JOURNEY BCS Insert Trial, Small Left Sz 3-4 15mm
74033111	JOURNEY BCS Insert Trial, Small Right Sz 1-2 9mm
74033112	JOURNEY BCS Insert Trial, Small Right Sz 1-2 10mm
74033113	JOURNEY BCS Insert Trial, Small Right Sz 1-2 11mm
74033114	JOURNEY BCS Insert Trial, Small Right Sz 1-2 13mm
74033115	JOURNEY BCS Insert Trial, Small Right Sz 1-2 15mm
74033131	JOURNEY BCS Insert Trial, Small Right Sz 3-4 9mm
74033132	JOURNEY BCS Insert Trial, Small Right Sz 3-4 10mm
74033133	JOURNEY BCS Insert Trial, Small Right Sz 3-4 11mm
74033134	JOURNEY BCS Insert Trial, Small Right Sz 3-4 13mm
74033135	JOURNEY BCS Insert Trial, Small Right Sz 3-4 15mm
74034523	Biconvex Trial Small 23mm
74034526	Biconvex Trial Small 26mm
74034529	Biconvex Trial Small 29mm
74019303	JOURNEY Biconvex Patella Reamer Depth Gauge Small
74034726	Resurfacing Trial Small 26mm
74034729	Resurfacing Trial Small 29mm
74034732	Resurfacing Trial Small 32mm

JOURNEY[®] Large Femoral Trials and Instruments

Cat. No. 774010515

Femoral Size 9-10 Tray

Cat. No.	Description
74012410	JOURNEY DCF AP Femoral Cutting Block Size 10
74012419	JOURNEY DCF AP Femoral Cutting Block Size 9
74031120	JOURNEY Femoral Prep Trial Left Size 10
74031110	JOURNEY Femoral Prep Trial Right Size 10
74031129	JOURNEY Femoral Prep Trial Left Size 9
74031119	JOURNEY Femoral Prep Trial Right Size 9
74031140	JOURNEY BCS Box Trial Left Size 10
74031130	JOURNEY BCS Box Trial Right Size 11
74031149	JOURNEY BCS Box Trial Left Size 9
74031139	JOURNEY BCS Box Trial Right Size 9

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