

maxx

orthopedics



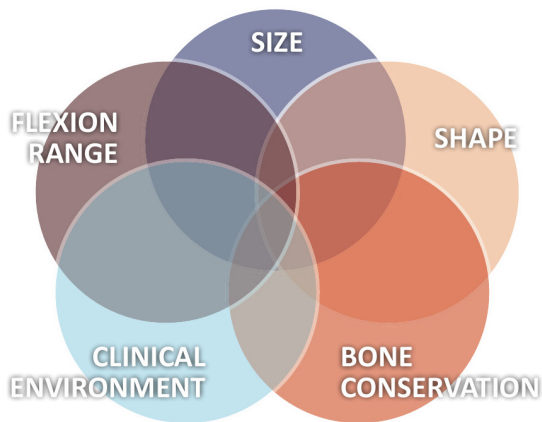
Freedom[®] Total Knee System
Surgical Technique

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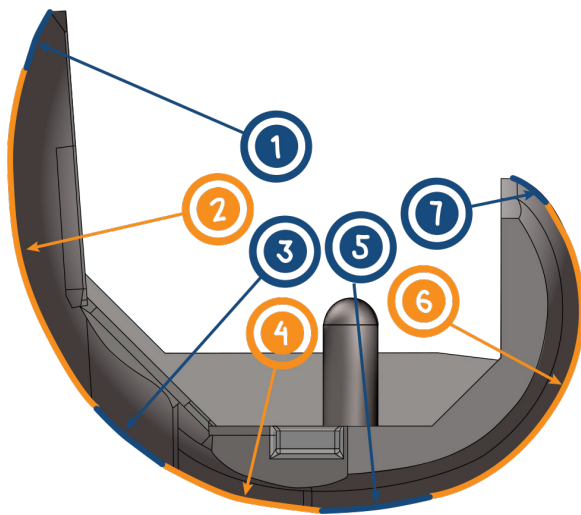
Overview

Modern Design Paradigm



The Freedom Total Knee® System was developed using advanced design engineering technologies and extensive clinical experience to address the anatomical, physiological and lifestyle needs of today's patients. The system's significant design advances allow patients to achieve optimal high-flexion motion regardless of whether the all-poly or metal-backed tibial component is chosen. This approach provides surgeons with unique component options that deliver successful, predictable and reproducible results.

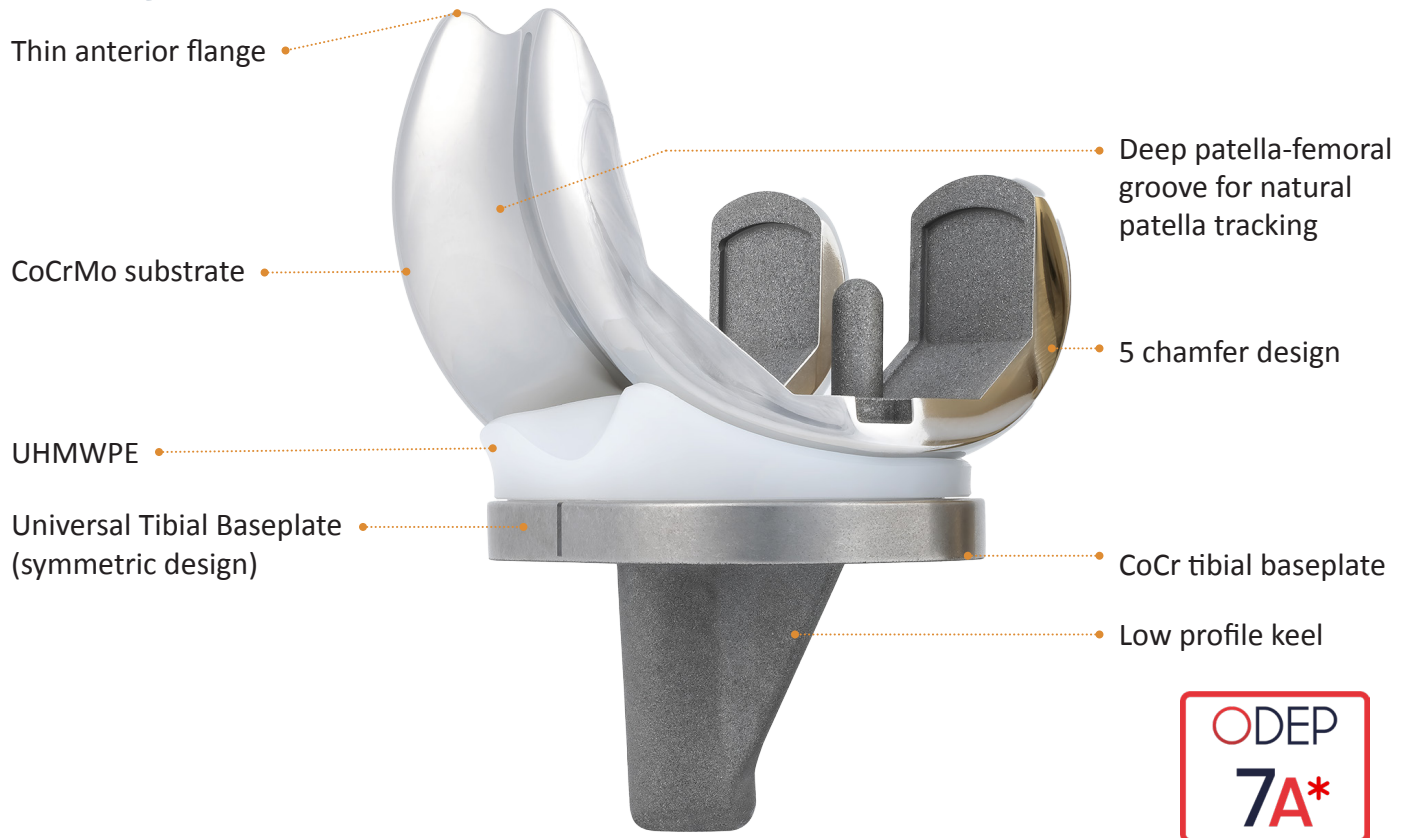
Multi-radius Design



Seven tangential radii were incorporated to accommodate changes in rollback across the available surface through the transition from walking through deep flexion.

Radii 1, 2 and 3 manage patellofemoral contact; Radii 4, 5, 6 and 7 control femoral rollback and flexion.

Key Features



- Available femoral components: Cruciate retaining (CR), posterior stabilized (PS), cemented and uncemented (porous)
- Left/right components, each with eight sizes (A-H)
- Preserves bone while promoting high flexion
- Six-degree angle of patellar groove assures smooth patellar tracking
- Optimal tibio-femoral conformity in extension, with proper rotational freedom in flexion
- Symmetrical tibial baseplate with various poly insert options- CR, PS, UC, MC
- Universal instrumentation

Benefits

- High-flexion and bone conserving features that produce successful and reproducible results¹
- 10-Yr Follow-up: 98.3% Survivorship²

References:

1. Durbhakula S, Durbhakula V, Durbhakula N, Restoration of Femoral Condylar Anatomy for Achieving Optimum Functional Expectations Continuation of an Earlier Study at 5-Year Minimum Follow-Up. Reconstructive Review, Vol 9: 2019.
2. Durbhakula S, Rego L, Eberle R: Restoration of Femoral Condylar Anatomy for Achieving Optimum Functional Expectations: Continuation of Earlier Studies at 10 Years follow up. J Orthop Exp Innovation, [Accepted for Publication], 2025.

PREOPERATIVE PLANNING

The angle between the mechanical and anatomic axis of the femur should be reproduced intraoperatively. The tibial component should be positioned perpendicular to the mechanical axis of the tibia. The final implant sizes will be determined intraoperatively as x-rays only provide an approximation.

Please contact your Maxx Orthopedics representative in advance of the procedure should you desire x-ray templates and if the patient may require our smallest (A size) or largest (H size) implant components. Some versions of our primary knee instrumentation may not include smallest and largest component sizes due to infrequent use. We do our best to accommodate surgical goals and needs in every total knee arthroplasty procedure.

This surgical technique is specific to the **Freedom® Total Knee System- Cruciate Retaining (CR), Posterior Stabilized (PS), and Freedom Porous/Uncemented**. The technique described uses the classical anterior midline incision to access the knee joint via a medial para patellar arthrotomy. Subvastus and midvastus approaches are acceptable using the same instrumentation.

The **Femoral Universal sizing guide** is anterior & posterior referencing. Regardless of the instrumentation used, Balancing the flexion and extension gaps is imperative to provide knee stability resulting in the best possible outcome for the patient postoperatively.

INCISION and EXPOSURE

Prior to incision, the superior pole of the patella is marked with the knee flexed at 30°. The tibial tubercle is identified and marked. An anterior midline longitudinal incision is made from a point slightly proximal to the superior pole of the patella passing just medial to the tibial tubercle at its distal margin. If significant tension is noted along skin edges, the incision should be extended.



- **Visualize the extensor mechanism without undermining the medial and lateral skin flaps.**
- **Use a surgical marker to mark the medial para patellar arthrotomy line,** starting from the medial edge of the extensor mechanism along the medial border of the patella to the medial edge of the patella tendon.

Be cautious not to transect the quadriceps in thinner patients with a small quadriceps tendon, as this could compromise postoperative rehabilitation protocols.

- **Perform the arthrotomy with the knee in 30° of flexion.**
- **Extend the leg and remove some of the fat pad under the patella tendon.** Remove osteophytes along the margin of the patella. Retract the patella laterally with the knee in extension and release the patellofemoral ligaments. At this point, release of the anterior horn of the lateral meniscus will facilitate retraction of the extensor mechanism to the lateral side. Perform an abbreviated medial release of the proximal soft tissue attachments to the proximal tibia in standard fashion.
- **Release the anterior cruciate ligament (ACL) and remove the medial and lateral meniscus.** This will allow further edge exposure of the proximal tibia.
- **Place retractors along the medial and lateral sides of the tibia for full visualization.**



NOTE: If the Freedom CR Knee femoral component is being used, be careful not to disrupt the attachment of the posterior cruciate ligament (PCL) to the medial femoral condyle.

Quick Tips & Steps

Femoral Preparation

DISTAL FEMORAL VALGUS ANGLE PREP

- Femoral drill on power for entry into canal
- Distal Femoral Cut Guide (DFCG) with Handle, 2 long smooth pins in “unmarked” holes between ± 2 mm.

Notes:

1. Make sure correct surgical laterality is facing the ceiling on DFCG Angle Block and Valgus adapter prongs go into holes on the handle).
2. Distal cut is 9mm, (adjust +2 or -2 by moving block)
 - Make sure at least one side of the DFCG is engaged into distal femoral condyle
 - Use Oscillating saw (1.27mm) for distal femoral cut

ANTERIOR REFERENCING - SIZING DISTAL FEMUR:

Femoral sizer:

- **Optional:** Place threaded pin in the most posterior holes to keep sizer in place
- Make sure stylus is at the highest anterior aspect of femur
- Don't overly squeeze sizer down
- Once finding correct location of stylus and size **place two long smooth pins into most anterior hole** (holes will move up and down with sizing)
- Leave 2 long smooth pins and take out any securing pins placed posteriorly
- Remove sizer

DISTAL FEMORAL PREP: 5IN1

- Place 5-in-1 block over the 2 previously placed smooth pins. (Note: Block is the same width, minus side holes, as femoral component)

Additional Fixation:

- 2 Pins on side either long, headed or threaded
- Self tapping 6.5mm screws through holes on face
- Take out long smooth pins previously placed during sizing after additional fixation is placed
- Use Oscillating saw for Anterior, Posterior, Anterior Chamfer, Posterior Chamfer
- 5th trochlear cut- use Double sided (Christmas tree)
- **If using PS femur:** drill holes in face of 5-in-1 block with Patella/Femoral drill

POSTERIOR REFERENCING - SIZING DISTAL FEMUR:

Femoral sizer:

- **Optional:** Place threaded pin in the most posterior holes to keep sizer in place
- Make sure stylus is at the highest anterior aspect of femur
- Don't overly squeeze sizer down
- Make sure sizer is centered closely to where the final component will sit
- Find the correct location of stylus and size
- Take pin in wire driver and make two holes into posterior holes (holes are located at center at a fixed location)

DISTAL FEMORAL PREP: 5-IN-1 CUT GUIDE

- Place spikes from the back of 5in1 block into the holes previously made off sizer. (Note: Block is the same width, minus side holes, as femoral component)

Additional Fixation: 2 Pins on side (either long, headed or threaded)

- Use Oscillating saw for Anterior, Posterior, Anterior Chamfer, Posterior Chamfer
- Use Double sided Reciprocating (Christmas tree) for 5th trochlear cut

OPTIONAL FOR PS ONLY - *Distal Femoral Prep: Box Cut Guide*

- Use patella-femoral drill through holes in the face of 5-in-1 guide
- Place lugs of BCG into already pre-drilled holes from previous step
- Fixate BCG with 2 pins anteriorly; long smooth, threaded, or headed
- Use Double Sided Reciprocating (Christmas Tree) saw blade to make box cuts

Tibial Preparation

EXTRAMEDULLARY TIBIAL CUT GUIDE

- 3 degree L/R is commonly used cut guide
- Quick Release button on EM tower is used to adjust slope
- Lever on ankle clamp is used to adjust M/L position
- Measured amount of resection:
 1. Stylus: Adjustable or 2/9 standard
 2. Angel wing
 3. Eye ball it
- Pin in the 0 holes, 2 long smooth pins
- Attach tibial tray handle to cut guide to drop alignment rod
- Use Oscillating saw to make proximal cut
- Use 9mm gap check block to make sure enough bone has been resected
- Place trial tray on tibial handle
- Pin tray with 2 short headed pins; on kochers or pin puller with slap plate
- Anterior holes on front of tray or Anterior/Posterior holes outside etched line for tower

TOWER

- Boss drill on power; down to stop or first line (depends on which version is in OR)
- Keel on modular handle or slap hammer

Note:

- If trays have anterior holes, the implant matches up to the black line going across top of plate and not out to end of tray
- Tibial tray is neutral and keel is at a 3 degree slope
- All-poly tibia has smaller keel for prep. Trialing is the same as metal-backed option There are two methods to prep:
 - First, is by using the tibial boss reamer, which gives a 4mm cement mantle for the tibia to find its resting place after putting the knee through a range of motion.
 - Second, is by using a sleeve insert into the tibial tower. Use femoral entry reamer until halfway up 8mm diameter and then use all-poly keel for a more fixed placement

Patella Preparation

NOTE: PATELLA COMPONENTS ARE SYMMETRIC WITH THE SAME FOOTPRINT

Caliper

Oscillating Saw

- 2 sharp towel clips
- Patella resection guide

Patella Clamp

Thick lollipops

Patella- Femoral Drill

Patella Trial

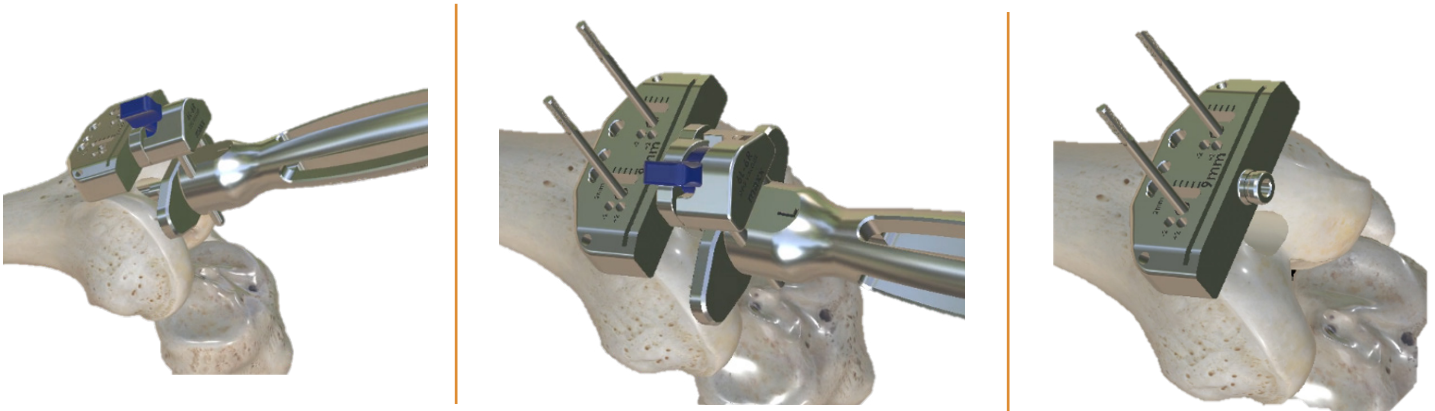
FEMORAL PREPARATION

Intramedullary (IM) Rod Alignment

- 1) Using the femoral step drill, ream the medullary canal of the femur. The starting point should be anterior to the PCL attachment on the medial femoral condyle, just medial to the midline axis of the femur.
- 2) Suction the canal prior to placing of the **distal femoral cutting guide (DFCG)** to reduce the potential of fat embolization.



Distal Resection

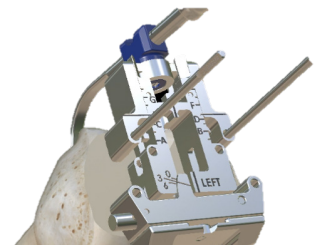


- 3) Assemble the **DFCG** for the appropriate operative side (Right or Left).
- 4) Slowly advance the DFCG assembly until it rests securely on at least one condyle.
- 5) Secure with **two long, smooth pins in 0mm holes**. **Optional** - use 3rd pin in oblique hole.
- 6) Unlock the DFCG rail adapter and remove the IM rod, rail adapter & handle.
- 7) Using **1.27mm sawblade**, perform distal resection.

Intramedullary (IM) Rod Alignment

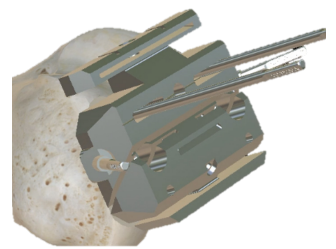
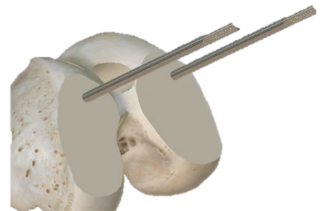
- 8) Use **Universal A/P sizing guide with stylus** to determine appropriate size.
- 9) Set **external rotation to 0 degrees, 3 degrees or 6 degrees** based on (PCA) posterior condylar axis.

NOTE: Rotation can be verified using Whitesides line or (TEA) transepicondylar axis.



Anterior Referencing:

- 10) Place at least one threaded or headed pin into the distal holes to secure **A/P Sizing Guide** (outer most posterior holes) – see holes marked #1.
- 11) Place A/P sizing guide and use **two long, smooth pins into anterior holes**.
- 12) **Leave pins in place and remove A/P Sizing Guide.**
- 13) **Center 5-in-1 cut guide over two long, smooth pins.** Use oblong holes at the top of the 5-in-1 guide.
- 14) **Secure 5-in-1 cut guide on each side using two additional pins.**



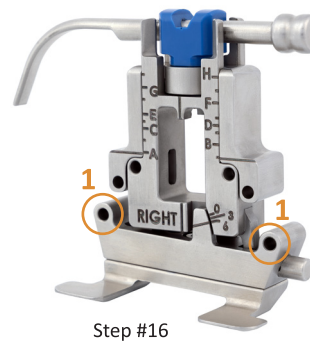
Optional: for added stability, place one 6.5mm screw in center hole or two screws in the lug holes of 5-in-1 guide.
Caution: 6.5mm screws lock in M/L placement.

NOTE: Use angel wing to check anterior resection or insert long, smooth pin into any of top 3 holes of 5-in-1 cut guide to Avoid Notching anterior cortex.

- 15) **Remove two long, smooth pins** originally placed in oblong holes before performing chamfer cuts.

Posterior Referencing:

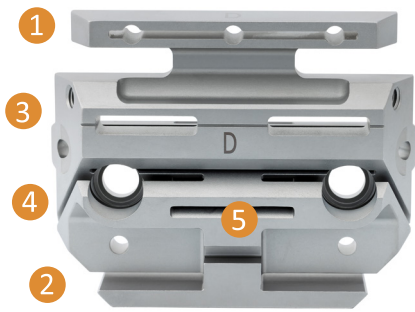
- 16) Place at least one threaded or headed pin into the **distal holes to secure A/P Sizing Guide** (outer most posterior holes) – see holes **marked #1**.
- 17) To create pilot holes for spikes on 5-in-1 cut guide, **insert long, smooth pin with wire driver through inner most holes** – see holes **marked #2**.
- 18) **Remove A/P Sizing guide.**
- 19) Place **spikes from the back of 5-in-1 guide** into the holes previously made off A/P sizing guide. Spikes only fit holes created in Step 16.
- 20) **Secure 5-in-1 cut guide on each side using threaded or headed pins**



Optional: for added stability, place one 6.5mm screw in center hole or two screws in the lug holes of 5-in-1 guide.
Caution: 6.5mm screws lock in M/L placement.

NOTE: Use angel wing to check anterior resection or insert long, smooth pin into any of top 3 holes of 5-in-1 to avoid Notching anterior cortex.

21) Using an oscillating saw with a 1.27mm thickness blade, prepare the femur in the following order:



1. Anterior cut
2. Posterior condylar cut
3. Anterior chamfer cut
4. Posterior chamfer cut
5. Trochlear cut (requires Double-sided reciprocating/Christmas Tree blade)

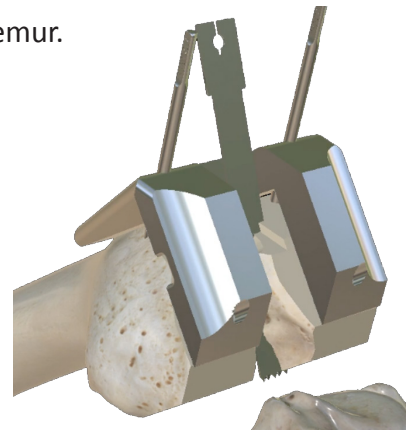
For PS Knee: Use 6mm patella-femoral drill to make lug holes through 5-in-1 cut guide

Box Cut Preparation- PS Knee only

For posterior stabilized (PS) knee, a Box Cut Guide will be used to prepare the femur.

- 22) Secure the same size box cut guide to the femur with pins.
- 23) Use a reciprocating saw to **make the box cut on the distal femur**. Be careful not to undermine the medial or lateral condyles.

The femur is now ready for either cruciate retaining (CR) or posterior stabilized (PS) femoral components. Trial components can be used for gap balancing, after tibial preparation.

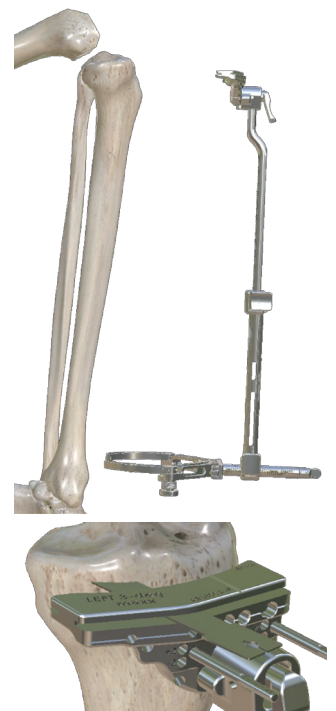


TIBIAL PREPARATION

Extramedullary (EM) Rod Alignment

Place the knee in 90 degrees of flexion with the tibia translated anteriorly and stabilized.

- 24) Assemble the extramedullary tibial jig (TCG) and place tibial cutting block onto the uprod.
- 25) Align the EM Rod with Tibial Cutting Guide (TCG) with the mechanical axis of Tibia in coronal and sagittal planes. Confirm TCG is parallel to the mechanical axis.
- 26) Tibial stylus can be used to approximate resection height at either 2mm below the lowest point or 9mm below the highest point on the proximal tibia.
- 27) Verify resection depth using either of the following:
 - 1) Adjustable or 2/9 standard Stylus, 2) Angel wing, 3) visual confirmation
- 28) Secure the guide with two long, smooth pins. Optional 3rd pin can be placed in an oblique hole.
- 29) Remove EM guide.
- 30) Attach Tibial Tray Handle to TCG and then place the Alignment Rod.
- 31) Perform tibial resection perpendicular to the tibial mechanical axis.



Intramedullary (IM) Rod Alignment

Place the knee in 90 degrees of flexion with the tibia translated anteriorly and stabilized.

- 32) Use an 8mm femoral step drill to access the intramedullary canal of the tibia.
- 33) Advance the IM fluted rod into the canal. The collar of the IM tibial alignment assembly should rest on the surface of the tibia.
- 34) Tibial stylus can be used to approximate resection height at either 2mm below the lowest point or 9mm below the highest point on the proximal tibia.
- 35) Verify resection depth using either of the following:
 - 1) Adjustable or 2/9 standard Stylus, 2) Angel wing, 3) visual confirmation
- 36) Secure the guide with two long, smooth pins. Optional 3rd pin can be placed in an oblique hole.
- 37) Remove the IM rod assembly from the tibial cut block.
- 38) Attach Tibial Tray Handle to TCG and then place the Alignment Rod.
- 39) Perform tibial resection perpendicular to the tibial mechanical axis.

NOTE: TCG cutting slot is angled to provide a 3° posterior slope.

We recommend placing a ¼-inch osteotome in front of the PCL to ensure it is protected from inadvertently passing the saw blade too far posterior.

Tibial Baseplate- Preparation, Rotational Alignment & Resection

- 40) Assess resection and make any adjustments to the proximal tibial cut, if necessary.

Rotational alignment of the tibia can be adjusted using the optional free-floating tibial baseplate. The baseplate can be placed on the proximal surface with a poly insert of the appropriate thickness in place.

Take the knee through a range of motion (ROM), allowing the baseplate to freely locate “natural position” on the proximal surface of the tibia.

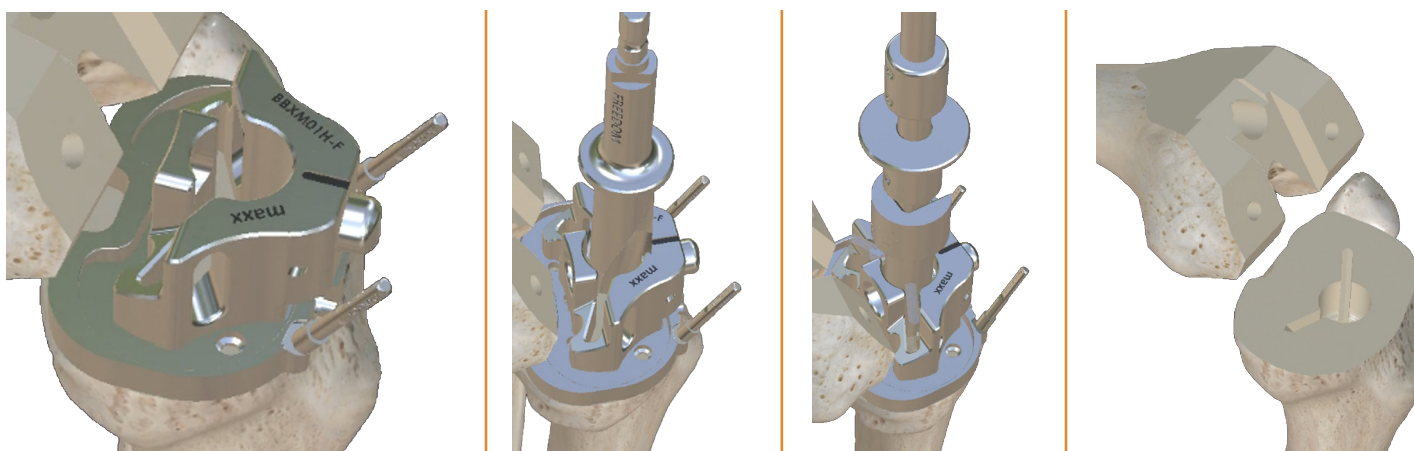
With the knee in extension, mark the midline of the baseplate on the bone corresponding to the laser etch mark found in the front center of the tibial baseplate.

Tibial Baseplate Placement

- 41) Place the appropriately sized tibial baseplate on the resected surface of the proximal tibia. The appropriately sized baseplate will fit on all sides with no overhang.
- 42) Use the tibial alignment rod through the tibial tray coupler or optional free floating method to adjust rotation of the tibial baseplate. The medial ½ of the tibial tubercle should serve as an anatomic landmark to guide rotational placement of the baseplate.
- 43) Secure the tibial baseplate with short headed pins and disengage the tibial tray coupler.



Tibial Reaming & Broaching



44) Depress button on tibial tower and place posterior foot into tray, then lock down anteriorly on the tibial baseplate.

45) Using tibial boss entry reamer, gently ream the proximal tibia until the stop on the boss reamer. If using version with two engraved marks, stop reaming at the first, most distal mark.

46) Gently tap the tibial broach through the tibial broach housing until it reaches the endpoint. Use the detachable slap to remove the tibial broach. Release the guide.

All-Poly Preparation



NOTE: All-poly tibia requires a smaller finned tibial keel (available for order separately. Does not come standard in the set).

All-poly trialing follows same steps defined for metal-backed tibial tray and uses standard trials.

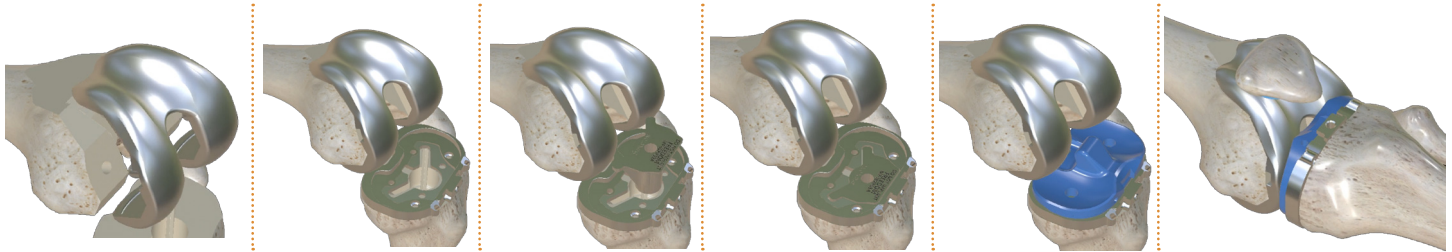
47) Two Preparation Methods

- **Method 1: Determine by natural rotation of tibia through ROM**
 - a. Free float tibia, mark location and secure with two short headed pins
 - b. Attach tibial tower, ream proximal tibia until the stop on the boss reamer. If using the version with two engraved marks, to first most distal line (64mm)
- **Method 2: Fixed position**
 - c. Size and rotate tibia and pin in place with two headed pins
 - d. Drop alignment rod from tibial tray handle
 - e. Attach tibial tower by depressing button and place posterior foot into tray, then lock down anteriorly on the tibial baseplate
 - f. Place inner sleeve into tower
 - g. Place femoral reamer through sleeve until halfway up 8mm diameter of reamer
 - h. Take out inner sleeve and punch through tower with all-poly keel

Implant Trialing

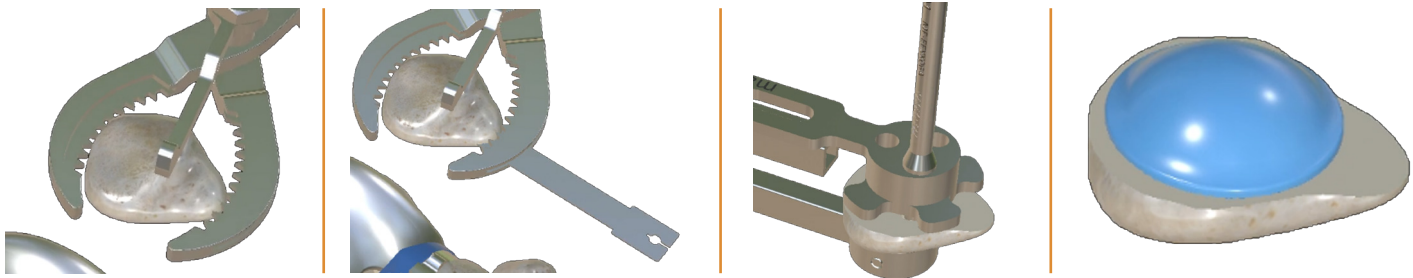
48) Place and impact the appropriate femoral component, tibial baseplate, desired poly insert into the tibial baseplate. Take the knee through full range of motion (ROM).

49) Assess knee balance through full ROM. If needed, adjust gap balance, varus/valgus stability, and perform any necessary soft tissue releases to adjust extension/flexion, where needed.



NOTE: For Freedom CR knee, drill peg holes through the trials using patella-femoral drill.

Patella Preparation



NOTE: Hole pattern on Patella drill guide remains consistent, regardless of Patella size chosen.

8mm is the minimum thickness of patella resection. Overstuffing the patellofemoral joint may limit flexion. Leaving a thin patella may lead to fracture or early loosening.

50) Evert the patella and flex the knee to 30°.

51) Use a caliper to determine the amount of resection required.

52) Resect patella using either 2 towel clips or patella resection guide.

53) Use the patellar drill guide to assess the size of the patella.

54) Drill three holes in the patellar bone, using the patella drill guide with patella-femoral drill.

55) Place the patella trial onto the resurfaced patella and range the knee to evaluate patellar tracking.

Final Component Placement

56) Mix the bone cement based on cement manufacturer protocol and technique.

57) Irrigate bone surfaces. Drill 1/8" deep holes in sclerotic bone areas using 1/8" drill bit.

58) Finger pressurize the cement into bone surfaces.

59) Apply cement to the underside of the implants in the desired order.

Recommended placement order:

1. Tibial component
2. Femoral component
3. Poly insert
4. Patellar component



NOTE: For Porous Freedom CR Knee, femoral cementation is not required.

TIBIAL COMPONENT: Final Placement

- 60) Firmly press cement into the tibial bone surfaces, including the reamed keel entry hole.
- 61) Place cement on the undersurface of the tibial component.
- 62) Firmly impact the tibial component into place using the tibial impactor.
- 63) Remove excess cement.

If the metal-backed tibial tray is being used, irrigate the surface of the tray and remove any excess debris to clear the locking mechanism



FEMORAL COMPONENT: Final Placement

- 64) Firmly press cement into the femoral bone surfaces.
- 65) Place cement on the undersurface of the femoral component.
- 66) Firmly impact the femoral component into place using the femoral impactor.
- 67) Remove excess cement.

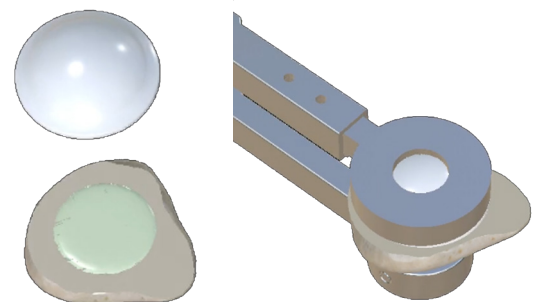


POLY INSERT: Final Placement

- 68) Introduce the desired poly (CR, PS, or UC) into the tibial baseplate at a 30-45 degree angle. Seat the posterior first and then the anterior portion. Firmly impact into place and ensure the locking mechanism is properly engaged.

PATELLAR COMPONENT: Final Placement

- 69) Place knee into extension.
- 70) Evert the patella and dry the bony surface of the patella.
- 71) Place cement into the patella bone surface.
- 72) Apply bone cement to the undersurface of the patella implant.
- 73) Place the patella implant in the resected bone.
- 74) Use the patella clamp to secure the patella implant.
- 75) Trim excess osteophytes.
- 76) Remove excess cement.



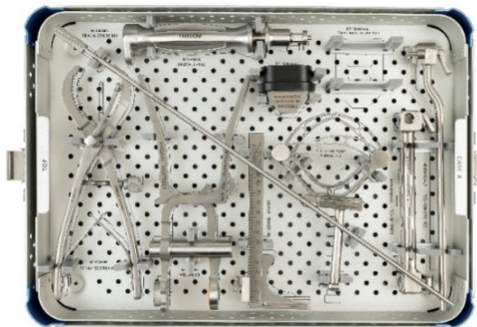
Incision Closure: The incision is closed in layers.
Take care that all excess cement has been removed prior to closure.

FREEDOM[®] Total Knee System

Ordering Information

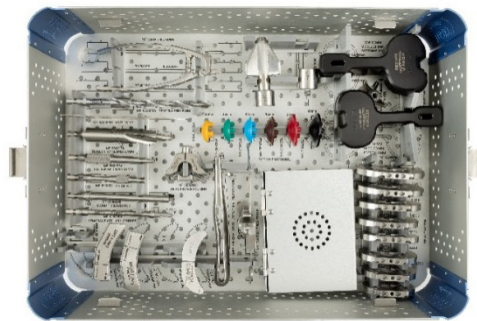
| PART # | Description |
|------------|---|
| INS-PK-A | Freedom Primary / Case A - Tibia and Patella Instruments |
| INS-PK-B | Freedom Primary / Case B - Femoral Instruments |
| INS-PK-PSF | Freedom Primary / Case F (PS) – Inserts, Femoral Trials, Box Cut Guides |
| INS-PK-CRF | Freedom Primary / Case F (CR) – Inserts, Femoral Trials |
| INS-PK-UCF | Freedom Primary / Case F (UC) – Inserts, Femoral Trials |
| INS-PK-MCF | Freedom Primary / Case F (MC) - Inserts, Femoral Trials |

FREEDOM PRIMARY CASE A TIBIA & PATELLA INSTRUMENTS - TOP



| PART # | DESCRIPTION | QTY |
|---------------|-------------------------------------|-----|
| MF-DBXX00A | TIBIAL ALIGNMENT ROD | 1 |
| MF-HAXX00K | UNIVERSAL HANDLE | 1 |
| MF-FAXX00A-01 | TIBIAL BASE PLATE IMPACTOR | 1 |
| MF-BEXM00I | PATELLA RESECTION GUIDE | 1 |
| MF-IEXX00I | PATELLAR NIP | 1 |
| MF-GEXX00J | CALIPER | 1 |
| BBXX05S-F-2 | TCG ANKLE CLAMP WITH M/L ADJUSTMENT | 1 |
| BBXX05S-F-1 | TIBIAL CUTTING GUIDE EM ROD | 1 |
| BBXX05S-F-3 | TIBIAL CUTTING GUIDE EM TOWER | 1 |

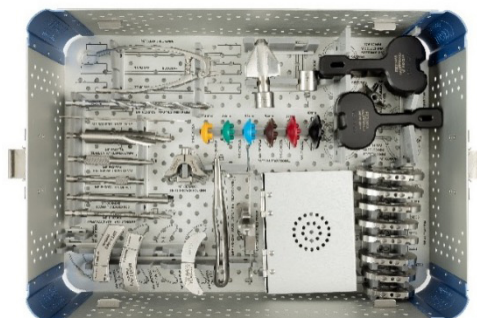
FREEDOM PRIMARY CASE A TIBIA & PATELLA INSTRUMENTS - BOTTOM



| PART # | DESCRIPTION | QTY |
|---------------|--------------------------------------|-----|
| HBXP01A-F | TIBIAL TRIAL LINER EXTRACTOR | 1 |
| EAXX00A-F | FEMORAL DRILL BIT 8/12MM | 1 |
| MF-BAXX00G | ANGEL WING | 1 |
| MF-EBXX17A | TIBIAL ENTRY REAMER 17MM | 1 |
| MF-EHXX35A | HEX SCREWDRIVER 3.5MM | 1 |
| MF-EIXX00A | PIN DRIVER | 1 |
| MF-DCXM04F | M6/M4 THREADED ROD | 1 |
| EEXX06A-F | FEMORAL/PATELLA LUG HOLE BIT | 1 |
| ABL300A-F | TIBIAL CUTTING GUIDE JIG 3 DEG LEFT | 1 |
| ABR300A-F | TIBIAL CUTTING GUIDE JIG 3 DEG RIGHT | 1 |
| MF-BBXX02A-1a | TIBIAL CUTTING GUIDE JIG - 0 DEG | 1 |
| BBXM01H-F | CUSTOM TIBIAL BROACH HOUSING | 1 |
| MRE-HBXX00A | REVOLUTION TIBIAL TRAY COUPLER | 1 |
| MF-GBXX01J | ADJUSTABLE TIBIAL STYLUS | 1 |
| MK-CEXX25A | PATELLA PROVISIONAL 25 MM | 1 |
| MK-CEXX28A | PATELLA PROVISIONAL 28 MM | 1 |
| MK-CEXX31A | PATELLA PROVISIONAL 31 MM | 1 |
| MK-CEXX34A | PATELLA PROVISIONAL 34 MM | 1 |
| MK-CEXX37A | PATELLA PROVISIONAL 37 MM | 1 |
| MK-CEXX40A | PATELLA PROVISIONAL 40 MM | 1 |
| MF-FJXM00A | TIBIAL BROACH | 1 |

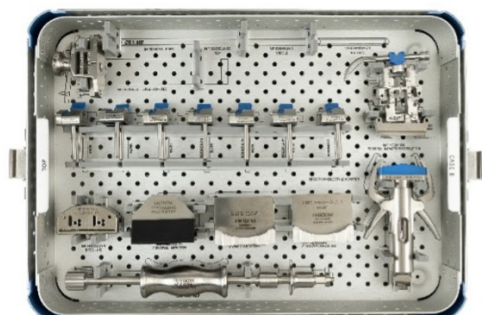
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INS-PK-A: Freedom Primary - Case A - CONTINUED



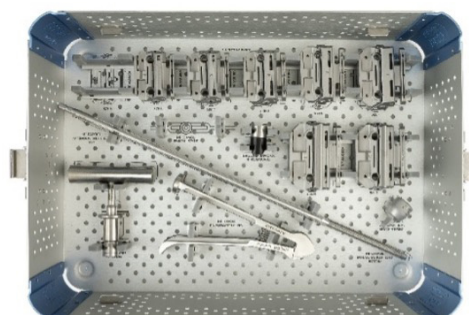
| PART # | DESCRIPTION | QTY |
|------------|----------------------------------|-----|
| MF-HAXM00A | SLAP HAMMER ADAPTER | 1 |
| MF-DAXX00F | THREADED PIN | 4 |
| MF-DAXX00E | LONG PIN | 4 |
| MF-DHXX00D | SHORT-HEADED PIN | 4 |
| MF-DAXX00D | HEADED PIN | 4 |
| MF-JCXM25 | BONE SCREW 25MM | 2 |
| MF-GBXX09A | TIBIAL ALIGNMENT GUIDE 9MM | 1 |
| MF-GBXX11A | TIBIAL ALIGNMENT GUIDE 11MM | 1 |
| MF-GBXX14A | TIBIAL ALIGNMENT GUIDE 14MM | 1 |
| MF-GBXX17A | TIBIAL ALIGNMENT GUIDE 17MM | 1 |
| MF-IBXP03A | TIBIAL TRAY STABILIZER WITH KEEL | 1 |
| MF-CBX100A | TIBIAL TRIAL TRAY SIZE 1 | 1 |
| MF-CBX200A | TIBIAL TRIAL TRAY SIZE 2 | 1 |
| MF-CBX300A | TIBIAL TRIAL TRAY SIZE 3 | 1 |
| MF-CBX400A | TIBIAL TRIAL TRAY SIZE 4 | 1 |
| MF-CBX500A | TIBIAL TRIAL TRAY SIZE 5 | 1 |
| MF-CBX600A | TIBIAL TRIAL TRAY SIZE 6 | 1 |
| MF-CBX700A | TIBIAL TRIAL TRAY SIZE 7 | 1 |
| MF-CBX800A | TIBIAL TRIAL TRAY SIZE 8 | 1 |

FREEDOM PRIMARY CASE B FEMORAL INSTRUMENTS – TOP



| PART # | DESCRIPTION | QTY |
|--------------|--------------------------------|-----|
| BDX600Q-F | DFCG ANGLE BLOCK 6 DEGREE | 1 |
| BDXX06Y-F | DFCG ADAPTER - RAILS 4R/8L | 1 |
| BDXX03Y-F | DFCG ADAPTER - RAILS 4L/8R | 1 |
| BDXX05Y-F | DFCG ADAPTER - RAILS 3R/9L | 1 |
| BDXX02Y-F | DFCG ADAPTER - RAILS 3L/9R | 1 |
| BDXX07Y-F | DFCG ADAPTER - RAILS 5R/7L | 1 |
| BDXX04Y-F | DFCG ADAPTER - RAILS 5L/7R | 1 |
| BDXX01Y-F | DFCG ADAPTER - RAILS 6L/6R | 1 |
| GCXX03J-F | UNIVERSAL FEMORAL SIZING GUIDE | 1 |
| MF-BDXX01A-4 | DFCG JIG | 1 |
| MF-FCXX00A | FEMORAL IMPACTOR | 1 |
| MF-ABXX00A | 2MM/3° RECUTTER | 1 |
| MF-ACXX00A | 2 DEG VAR/VAL RECUTTER | 1 |
| MF-HCXM00K | FEMORAL IMPACTOR-EXTRACTOR | 1 |
| MF-FIXX00A | SLAP HAMMER | 1 |

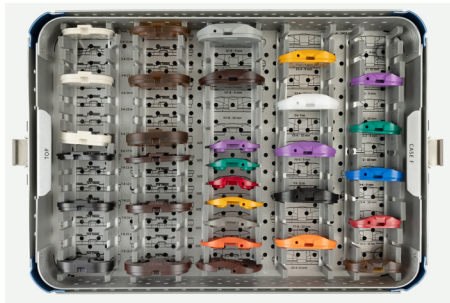
FREEDOM PRIMARY CASE B FEMORAL INSTRUMENTS – BOTTOM



| PART # | DESCRIPTION | QTY |
|---------------|---|-----|
| AAXB05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE B | 1 |
| AAXC05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE C | 1 |
| AAXD05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE D | 1 |
| AAXE05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE E | 1 |
| AAXF05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE F | 1 |
| AAXG05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE G | 1 |
| AAXH05A-F | UNIVERSAL CUTTING BLOCK, SPIKED, SIZE H | 1 |
| MF-FBXM00A-01 | TIBIAL LINER IMPACTOR | 1 |
| MF-MXO-00085 | T-HANDLE | 1 |
| MF-HIXX00A | PIN EXTRACTOR PLIERS | 1 |
| HCXM00A-F | FEMORAL HOOK SLAP HAMMER ADAPTER | 1 |
| MF-EAXX00D | IM FEMORAL ROD – SHORT | 1 |
| MF-EAXX00E | IM FEMORAL ROD - LONG | 1 |
| MF-HCXM00K | FEMORAL IMPACTOR-EXTRACTOR | 1 |
| MF-FIXX00A | SLAP HAMMER | 1 |

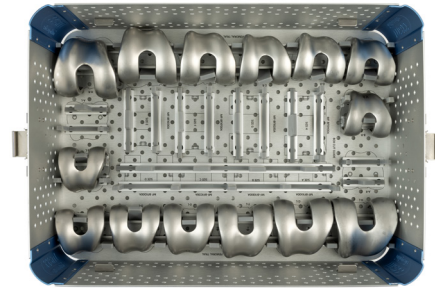
FREEDOM PRIMARY CASE F

CR - TOP TRAY



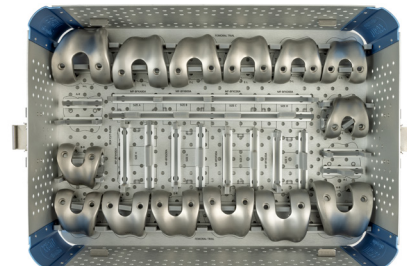
| PART # | DESCRIPTION | QTY |
|-------------|---|-----|
| CBX111A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 1-2, 11MM | 1 |
| CBX114A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 1-2, 14MM | 1 |
| CBX117A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 1-2, 17MM | 1 |
| CBX311A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 11MM | 1 |
| CBX314A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 14MM | 1 |
| CBX317A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 17MM | 1 |
| CBX511A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 11MM | 1 |
| CBX514A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 14MM | 1 |
| CBX517A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 17MM | 1 |
| CBX711A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 11MM | 1 |
| CBX714A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 14MM | 1 |
| CBX717A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 17MM | 1 |
| CBXB00CR-F | CR INSERT TRIAL TOP SIZE B | 1 |
| CBXC00CR-F | CR INSERT TRIAL TOP SIZE C | 1 |
| CBXD00CR-F | CR INSERT TRIAL TOP SIZE D | 1 |
| CBXE00CR-F | CR INSERT TRIAL TOP SIZE E | 1 |
| CBXF00CR-F | CR INSERT TRIAL TOP SIZE F | 1 |
| CBXG00CR-F | CR INSERT TRIAL TOP SIZE G | 1 |
| CBXH00CR-F | CR INSERT TRIAL TOP SIZE H | 1 |
| CBXB109CR-K | CR INSERT TRIAL SIZE B 1-2, 9MM | 1 |
| CBXC109CR-K | CR INSERT TRIAL SIZE C 1-2, 9MM | 1 |
| CBXC309CR-K | CR INSERT TRIAL SIZE C 3-4, 9MM | 1 |
| CBXD109CR-K | CR INSERT TRIAL SIZE D 1-2, 9MM | 1 |
| CBXD309CR-K | CR INSERT TRIAL SIZE D 3-4, 9MM | 1 |
| CBXE309CR-K | CR INSERT TRIAL SIZE E 3-4, 9MM | 1 |
| CBXE509CR-K | CR INSERT TRIAL SIZE E 5-6, 9MM | 1 |
| CBXF509CR-K | CR INSERT TRIAL SIZE F 5-6, 9MM | 1 |
| CBXF709CR-K | CR INSERT TRIAL SIZE F 7-8, 9MM | 1 |
| CBXG509CR-K | CR INSERT TRIAL SIZE G 5-6, 9MM | 1 |
| CBXG709CR-K | CR INSERT TRIAL SIZE G 7-8, 9MM | 1 |
| CBXH709CR-K | CR INSERT TRIAL SIZE H 7-8, 9MM | 1 |

CR TRIALS - With Pegs



| PART # | DESCRIPTION | QTY |
|-------------|-----------------------------|-----|
| MK-CCLB00CR | FEMORAL TRIAL SIZE B, CR, L | 1 |
| MK-CCLC00CR | FEMORAL TRIAL SIZE C, CR, L | 1 |
| MK-CCLD00CR | FEMORAL TRIAL SIZE D, CR, L | 1 |
| MK-CCLE00CR | FEMORAL TRIAL SIZE E, CR, L | 1 |
| MK-CCLF00CR | FEMORAL TRIAL SIZE F, CR, L | 1 |
| MK-CCLG00CR | FEMORAL TRIAL SIZE G, CR, L | 1 |
| MK-CCLH00CR | FEMORAL TRIAL SIZE H, CR, L | 1 |
| MK-CCRB00CR | FEMORAL TRIAL SIZE B, CR, R | 1 |
| MK-CCRC00CR | FEMORAL TRIAL SIZE C, CR, R | 1 |
| MK-CCRD00CR | FEMORAL TRIAL SIZE D, CR, R | 1 |
| MK-CCRE00CR | FEMORAL TRIAL SIZE E, CR, R | 1 |
| MK-CCRF00CR | FEMORAL TRIAL SIZE F, CR, R | 1 |
| MK-CCRG00CR | FEMORAL TRIAL SIZE G, CR, R | 1 |
| MK-CCRH00CR | FEMORAL TRIAL SIZE H, CR, R | 1 |

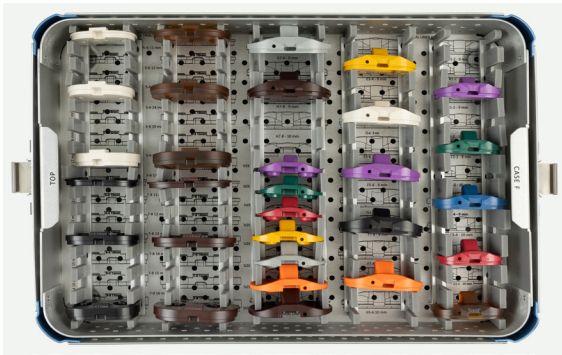
CR TRIALS - Without Pegs



| PART # | DESCRIPTION | QTY |
|------------|-------------------------------------|-----|
| CCLB01CR-K | PEGLESS FEMORAL TRIAL SIZE B, CR, L | 1 |
| CCLC01CR-K | PEGLESS FEMORAL TRIAL SIZE C, CR, L | 1 |
| CCLD01CR-K | PEGLESS FEMORAL TRIAL SIZE D, CR, L | 1 |
| CCLE01CR-K | PEGLESS FEMORAL TRIAL SIZE E, CR, L | 1 |
| CCLF01CR-K | PEGLESS FEMORAL TRIAL SIZE F, CR, L | 1 |
| CCLG01CR-K | PEGLESS FEMORAL TRIAL SIZE G, CR, L | 1 |
| CCLH01CR-K | PEGLESS FEMORAL TRIAL SIZE H, CR, L | 1 |
| CCRB01CR-K | PEGLESS FEMORAL TRIAL SIZE B, CR, R | 1 |
| CCRC01CR-K | PEGLESS FEMORAL TRIAL SIZE C, CR, R | 1 |
| CCRD01CR-K | PEGLESS FEMORAL TRIAL SIZE D, CR, R | 1 |
| CCRE01CR-K | PEGLESS FEMORAL TRIAL SIZE E, CR, R | 1 |
| CCRF01CR-K | PEGLESS FEMORAL TRIAL SIZE F, CR, R | 1 |
| CCRG01CR-K | PEGLESS FEMORAL TRIAL SIZE G, CR, R | 1 |
| CCRH01CR-K | PEGLESS FEMORAL TRIAL SIZE H, CR, R | 1 |

FREEDOM PRIMARY CASE F

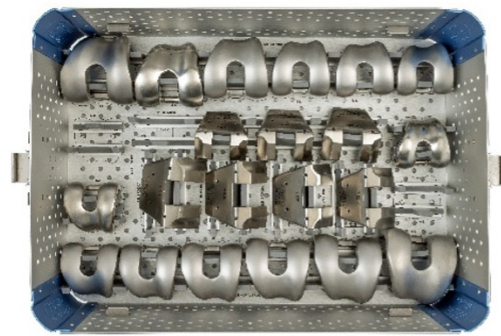
PS - TOP TRAY



| PART # | DESCRIPTION | QTY |
|-------------|---|-----|
| CBX111A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 1-2, 11MM | 1 |
| CBX114A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 1-2, 14MM | 1 |
| CBX117A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 1-2, 17MM | 1 |
| CBX311A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 11MM | 1 |
| CBX314A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 14MM | 1 |
| CBX317A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 17MM | 1 |
| CBX511A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 11MM | 1 |
| CBX514A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 14MM | 1 |
| CBX517A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 17MM | 1 |
| CBX711A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 11MM | 1 |
| CBX714A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 14MM | 1 |
| CBX717A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 17MM | 1 |
| CBXG709PS-K | PS TIBIAL TIBIAL TRIAL INSERT SIZE G 7-8, 9MM | 1 |
| CBXH709PS-K | PS TIBIAL TIBIAL TRIAL INSERT SIZE H 7-8, 9MM | 1 |
| CBXB00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE B | 1 |
| CBXC00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE C | 1 |
| CBXD00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE D | 1 |
| CBXE00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE E | 1 |
| CBXF00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE F | 1 |
| CBXG00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE G | 1 |
| CBXH00PS-F | PS TIBIAL TRIAL INSERT TOP SIZE H | 1 |
| CBXE309PS-K | PS TIBIAL TRIAL INSERT SIZE E 3-4, 9MM | 1 |
| CBXE509PS-K | PS TIBIAL TRIAL INSERT SIZE E 5-6, 9MM | 1 |
| CBXF509PS-K | PS TIBIAL TRIAL INSERT SIZE F 5-6, 9MM | 1 |
| CBXF709PS-K | PS TIBIAL TRIAL INSERT SIZE F 7-8, 9MM | 1 |
| CBXG509PS-K | PS TIBIAL TRIAL INSERT SIZE G 5-6, 9MM | 1 |
| CBXB109PS-K | PS TIBIAL TRIAL INSERT SIZE B 1-2, 9MM | 1 |
| CBXC109PS-K | PS TIBIAL TRIAL INSERT SIZE C 1-2, 9MM | 1 |
| CBXC309PS-K | PS TIBIAL TRIAL INSERT SIZE C 3-4, 9MM | 1 |
| CBXD109PS-K | PS TIBIAL TRIAL INSERT SIZE D 1-2, 9MM | 1 |
| CBXD309PS-K | PS TIBIAL TRIAL INSERT SIZE D 3-4, 9MM | 1 |

PS TRIALS & BOX CUT GUIDES

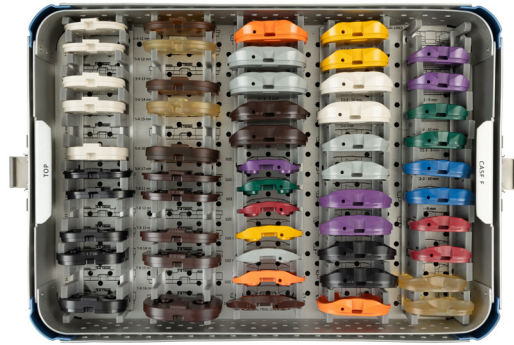
PS - BOTTOM TRAY



| PART # | DESCRIPTION | QTY |
|-------------|-----------------------------|-----|
| MF-BFXB00A | BOX CUT GUIDE B | 1 |
| MF-BFXC00A | BOX CUT GUIDE C | 1 |
| MF-BFXD00A | BOX CUT GUIDE D | 1 |
| MF-BFXE00A | BOX CUT GUIDE E | 1 |
| MF-BFXF00A | BOX CUT GUIDE F | 1 |
| MF-BFXG00A | BOX CUT GUIDE G | 1 |
| MF-BFXH00A | BOX CUT GUIDE H | 1 |
| MK-CCLB00PS | FEMORAL TRIAL SIZE B, PS, L | 1 |
| MK-CCLC00PS | FEMORAL TRIAL SIZE C, PS, L | 1 |
| MK-CCLD00PS | FEMORAL TRIAL SIZE D, PS, L | 1 |
| MK-CCLE00PS | FEMORAL TRIAL SIZE E, PS, L | 1 |
| MK-CCLF00PS | FEMORAL TRIAL SIZE F, PS, L | 1 |
| MK-CCLG00PS | FEMORAL TRIAL SIZE G, PS, L | 1 |
| MK-CCLH00PS | FEMORAL TRIAL SIZE H, PS, L | 1 |
| MK-CCRB00PS | FEMORAL TRIAL SIZE B, PS, R | 1 |
| MK-CCRC00PS | FEMORAL TRIAL SIZE C, PS, R | 1 |
| MK-CCRD00PS | FEMORAL TRIAL SIZE D, PS, R | 1 |
| MK-CCRE00PS | FEMORAL TRIAL SIZE E, PS, R | 1 |
| MK-CCRF00PS | FEMORAL TRIAL SIZE F, PS, R | 1 |
| MK-CCRG00PS | FEMORAL TRIAL SIZE G, PS, R | 1 |
| MK-CCRH00PS | FEMORAL TRIAL SIZE H, PS, R | 1 |

FREEDOM PRIMARY CASE F

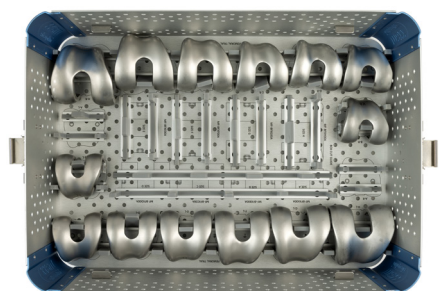
UC - TOP TRAY



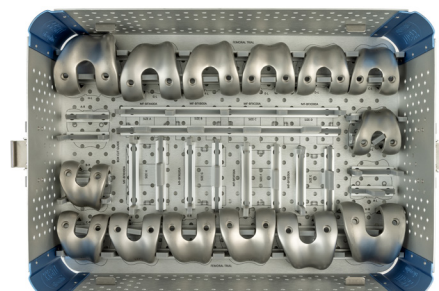
| PART # | DESCRIPTION | QTY |
|-------------|---|-----|
| CBX111A-F | TIBIAL INSERT TRIAL BOTTOM SIZE 1-2, 11MM | 1 |
| CBX112A-F | TIBIAL INSERT TRIAL BOTTOM SIZE 1-2, 12MM | 1 |
| CBX114A-F | TIBIAL INSERT TRIAL BOTTOM SIZE 1-2, 14MM | 1 |
| CBX115A-F | TIBIAL INSERT TRIAL BOTTOM SIZE 1-2, 15MM | 1 |
| CBX117A-F | TIBIAL INSERT TRIAL BOTTOM SIZE 1-2, 17MM | 1 |
| CBX311A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 11MM | 1 |
| CBX312A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 12MM | 1 |
| CBX314A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 14MM | 1 |
| CBX315A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 15MM | 1 |
| CBX317A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 3-4, 17MM | 1 |
| CBX511A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 11MM | 1 |
| CBX512A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 12MM | 1 |
| CBX514A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 14MM | 1 |
| CBX515A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 15MM | 1 |
| CBX517A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 5-6, 17MM | 1 |
| CBX711A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 11MM | 1 |
| CBX712A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 12MM | 1 |
| CBX714A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 14MM | 1 |
| CBX715A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 15MM | 1 |
| CBX717A-F | TIBIAL TRIAL INSERT BOTTOM SIZE 7-8, 17MM | 1 |
| CBXG709UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE G 7-8, 9MM | 1 |
| CBXG710UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE G 7-8, 10MM | 1 |
| CBXH709UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE H 7-8, 9MM | 1 |
| CBXH710UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE H 7-8, 10MM | 1 |
| CBXB00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE B | 1 |
| CBXC00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE C | 1 |
| CBXD00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE D | 1 |
| CBXE00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE E | 1 |
| CBXF00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE F | 1 |
| CBXG00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE G | 1 |
| CBXH00UC-F | ULTRA-CONGRUENT INSERT TRIAL TOP SIZE H | 1 |
| CBXE310UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE E 3-4, 10MM | 1 |
| CBXE509UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE E 5-6, 9MM | 1 |

| PART # | DESCRIPTION | QTY |
|-------------|---|-----|
| CBXE510UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE E 5-6, 10MM | 1 |
| CBXF309UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE F 3-4, 9MM | 1 |
| CBXF310UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE F 3-4, 10MM | 1 |
| CBXF509UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE F 5-6, 9MM | 1 |
| CBXF510UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE F 5-6, 10MM | 1 |
| CBXF709UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE F 7-8, 9MM | 1 |
| CBXF710UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE F 7-8, 10MM | 1 |
| CBXG509UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE G 5-6, 9MM | 1 |
| CBXG510UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE G 5-6, 10MM | 1 |
| CBXB109UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE B 1-2, 9MM | 1 |
| CBXB110UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE B 1-2, 10MM | 1 |
| CBXC109UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE C 1-2, 9MM | 1 |
| CBXC110UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE C 1-2, 10MM | 1 |
| CBXC309UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE C 3-4, 9MM | 1 |
| CBXC310UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE C 3-4, 10MM | 1 |
| CBXD109UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE D 1-2, 9MM | 1 |
| CBXD110UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE D 1-2, 10MM | 1 |
| CBXD309UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE D 3-4, 9MM | 1 |
| CBXD310UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE D 3-4, 10MM | 1 |
| CBXE309UC-K | ULTRA-CONGRUENT INSERT TRIAL SIZE E 3-4, 9MM | 1 |

CR TRIALS - With Pegs



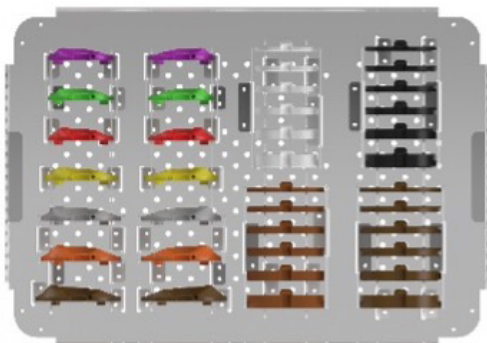
CR TRIALS - Without Pegs



| PART # | DESCRIPTION | QTY |
|-------------|-----------------------------|-----|
| MK-CCLB00CR | FEMORAL TRIAL SIZE B, CR, L | 1 |
| MK-CCLC00CR | FEMORAL TRIAL SIZE C, CR, L | 1 |
| MK-CCLD00CR | FEMORAL TRIAL SIZE D, CR, L | 1 |
| MK-CCLE00CR | FEMORAL TRIAL SIZE E, CR, L | 1 |
| MK-CCLF00CR | FEMORAL TRIAL SIZE F, CR, L | 1 |
| MK-CCLG00CR | FEMORAL TRIAL SIZE G, CR, L | 1 |
| MK-CCLH00CR | FEMORAL TRIAL SIZE H, CR, L | 1 |
| MK-CCRB00CR | FEMORAL TRIAL SIZE B, CR, R | 1 |
| MK-CCRC00CR | FEMORAL TRIAL SIZE C, CR, R | 1 |
| MK-CCRD00CR | FEMORAL TRIAL SIZE D, CR, R | 1 |
| MK-CCRE00CR | FEMORAL TRIAL SIZE E, CR, R | 1 |
| MK-CCRF00CR | FEMORAL TRIAL SIZE F, CR, R | 1 |
| MK-CCRG00CR | FEMORAL TRIAL SIZE G, CR, R | 1 |
| MK-CCRH00CR | FEMORAL TRIAL SIZE H, CR, R | 1 |

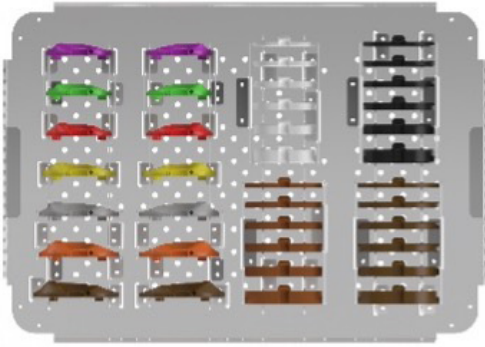
| PART # | DESCRIPTION | QTY |
|------------|-------------------------------------|-----|
| CCLB01CR-K | PEGLESS FEMORAL TRIAL SIZE B, CR, L | 1 |
| CCLC01CR-K | PEGLESS FEMORAL TRIAL SIZE C, CR, L | 1 |
| CCLD01CR-K | PEGLESS FEMORAL TRIAL SIZE D, CR, L | 1 |
| CCLE01CR-K | PEGLESS FEMORAL TRIAL SIZE E, CR, L | 1 |
| CCLF01CR-K | PEGLESS FEMORAL TRIAL SIZE F, CR, L | 1 |
| CCLG01CR-K | PEGLESS FEMORAL TRIAL SIZE G, CR, L | 1 |
| CCLH01CR-K | PEGLESS FEMORAL TRIAL SIZE H, CR, L | 1 |
| CCRB01CR-K | PEGLESS FEMORAL TRIAL SIZE B, CR, R | 1 |
| CCRC01CR-K | PEGLESS FEMORAL TRIAL SIZE C, CR, R | 1 |
| CCRD01CR-K | PEGLESS FEMORAL TRIAL SIZE D, CR, R | 1 |
| CCRE01CR-K | PEGLESS FEMORAL TRIAL SIZE E, CR, R | 1 |
| CCRF01CR-K | PEGLESS FEMORAL TRIAL SIZE F, CR, R | 1 |
| CCRG01CR-K | PEGLESS FEMORAL TRIAL SIZE G, CR, R | 1 |
| CCRH01CR-K | PEGLESS FEMORAL TRIAL SIZE H, CR, R | 1 |

INS-PK-MCF Top Tray



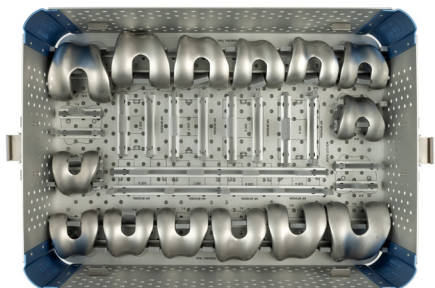
| Part # | Description | QTY |
|------------|--|-----|
| CBLB11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE B, MC, Left | 1 |
| CBRB11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE B, MC, Right | 1 |
| CBLC11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE C, MC, Left | 1 |
| CBRC11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE C, MC, Right | 1 |
| CBLD11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE D, MC, Left | 1 |
| CBRD11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE D, MC, Right | 1 |
| CBLE11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE E, MC, Left | 1 |
| CBRE11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE E, MC, Right | 1 |
| CBLF11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE F, MC, Left | 1 |
| CBRF11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE F, MC, Right | 1 |
| CBLG11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE G, MC, Left | 1 |
| CBRG11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE G, MC, Right | 1 |
| CBLH11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE H, MC, Left | 1 |
| CBRH11MC-F | TIBIAL TRIAL INSERT (TOP), SIZE H, MC, Right | 1 |

INS-PK-MCF Top Tray - Continued



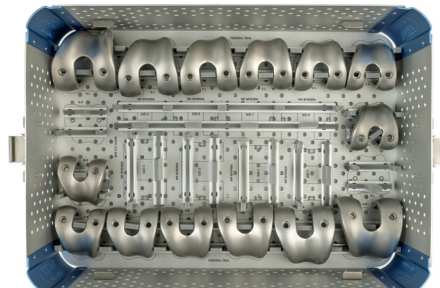
| Part # | Description | QTY |
|------------|--|-----|
| CBX109MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 1-2, 9mm | 1 |
| CBX110MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 1-2, 10mm | 1 |
| CBX111MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 1-2, 11mm | 1 |
| CBX112MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 1-2, 12mm | 1 |
| CBX114MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 1-2, 14mm | 1 |
| CBX117MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 1-2, 17mm | 1 |
| CBX309MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 3-4, 9mm | 1 |
| CBX310MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 3-4, 10mm | 1 |
| CBX311MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 3-4, 11mm | 1 |
| CBX312MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 3-4, 12mm | 1 |
| CBX314MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 3-4, 14mm | 1 |
| CBX317MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 3-4, 17mm | 1 |
| CBX509MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 5-6, 9mm | 1 |
| CBX510MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 5-6, 10mm | 1 |
| CBX511MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 5-6, 11mm | 1 |
| CBX512MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 5-6, 12mm | 1 |
| CBX514MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 5-6, 14mm | 1 |
| CBX517MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 5-6, 17mm | 1 |
| CBX709MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 7-8, 9mm | 1 |
| CBX710MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 7-8, 10mm | 1 |
| CBX711MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 7-8, 11mm | 1 |
| CBX712MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 7-8, 12mm | 1 |
| CBX714MC-F | TIBIAL TRIAL INSERT BOTTOM, SIZE 7-8, 14mm | 1 |

CR TRIALS - With Pegs



| PART # | DESCRIPTION | QTY |
|-------------|-----------------------------|-----|
| MK-CCLB00CR | FEMORAL TRIAL SIZE B, CR, L | 1 |
| MK-CCLC00CR | FEMORAL TRIAL SIZE C, CR, L | 1 |
| MK-CCLD00CR | FEMORAL TRIAL SIZE D, CR, L | 1 |
| MK-CCLE00CR | FEMORAL TRIAL SIZE E, CR, L | 1 |
| MK-CCLF00CR | FEMORAL TRIAL SIZE F, CR, L | 1 |
| MK-CCLG00CR | FEMORAL TRIAL SIZE G, CR, L | 1 |
| MK-CCLH00CR | FEMORAL TRIAL SIZE H, CR, L | 1 |
| MK-CCRB00CR | FEMORAL TRIAL SIZE B, CR, R | 1 |
| MK-CCRC00CR | FEMORAL TRIAL SIZE C, CR, R | 1 |
| MK-CCRD00CR | FEMORAL TRIAL SIZE D, CR, R | 1 |
| MK-CCRE00CR | FEMORAL TRIAL SIZE E, CR, R | 1 |
| MK-CCRF00CR | FEMORAL TRIAL SIZE F, CR, R | 1 |
| MK-CCRG00CR | FEMORAL TRIAL SIZE G, CR, R | 1 |
| MK-CCRH00CR | FEMORAL TRIAL SIZE H, CR, R | 1 |

CR TRIALS - Without Pegs



| PART # | DESCRIPTION | QTY |
|------------|-------------------------------------|-----|
| CCLB01CR-K | PEGLESS FEMORAL TRIAL SIZE B, CR, L | 1 |
| CCLC01CR-K | PEGLESS FEMORAL TRIAL SIZE C, CR, L | 1 |
| CCLD01CR-K | PEGLESS FEMORAL TRIAL SIZE D, CR, L | 1 |
| CCLE01CR-K | PEGLESS FEMORAL TRIAL SIZE E, CR, L | 1 |
| CCLF01CR-K | PEGLESS FEMORAL TRIAL SIZE F, CR, L | 1 |
| CCLG01CR-K | PEGLESS FEMORAL TRIAL SIZE G, CR, L | 1 |
| CCLH01CR-K | PEGLESS FEMORAL TRIAL SIZE H, CR, L | 1 |
| CCRB01CR-K | PEGLESS FEMORAL TRIAL SIZE B, CR, R | 1 |
| CCRC01CR-K | PEGLESS FEMORAL TRIAL SIZE C, CR, R | 1 |
| CCRD01CR-K | PEGLESS FEMORAL TRIAL SIZE D, CR, R | 1 |
| CCRE01CR-K | PEGLESS FEMORAL TRIAL SIZE E, CR, R | 1 |
| CCRF01CR-K | PEGLESS FEMORAL TRIAL SIZE F, CR, R | 1 |
| CCRG01CR-K | PEGLESS FEMORAL TRIAL SIZE G, CR, R | 1 |
| CCRH01CR-K | PEGLESS FEMORAL TRIAL SIZE H, CR, R | 1 |



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Carefully read all instructions and be familiar with the surgical techniques prior to use.

Please see the package insert for complete device description, product selection information, indications, contraindications, precautions, adverse effects, warnings, materials, sterilization and patient guidance associated with Freedom Total Knee® System

CAUTION: THIS DEVICE IS RESTRICTED TO SALE BY OR ON THE ORDER OF A LICENSED PHYSICIAN

WARNING: THIS DEVICE IS INTENDED FOR CEMENTED USE ONLY

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MXO-MP00005 R10 03/25

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