

# maxx

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## orthopedics



*Freedom® Titan™ PCK® Knee System*  
**System Overview**

# Freedom® Titan™ PCK® Knee System

The Freedom® Titan™ PCK® Revision Knee System provides durability and biocompatibility for complex knee reconstructions. Its TiNbN coating offers an added barrier for patients with metal sensitivity, while the system's modularity and stability-focused design support a personalized and secure fit.

Ti-alloy femoral stems  
7.5mm-24mm diameters  
40mm – 150mm lengths

Offset couplers  
(optional)

TiNbN coating designed  
for patients with metal  
sensitivity

Ti-alloy tibial stems  
7.5mm-24mm diameters  
40mm – 150mm lengths

Thin anterior  
flange

Ti-alloy femoral augments  
(5mm, stackable)

UHMWPE  
insert

Ti-alloy tibial augments  
(stackable)

- **TiNbN Coating** – Enhances biocompatibility and provides a barrier for patients with metal sensitivity.
- **Progressive Constraint** – Trapezoidal femoral box maintains stability in extension while allowing controlled motion in flexion.
- **Natural Kinematics** – Replicates normal knee movement by balancing constraint and rotational freedom.
- **Enhanced Durability** – Minimizes excessive forces on the tibial post, reducing wear.
- **Modular Versatility** – Stems and augments provide intraoperative flexibility to address bone defects.

# Progressive Constraint Kinematics (PCK®)

**Trapezoidal Box offers variable constraint from extension to flexion**

## PCK Design Characteristics

The PCK Trapezoidal Femoral Box provides a progressive variable constraint profile.

- Extension: Fully tensed collaterals
- Flexion: Progressive reduction of collateral tension

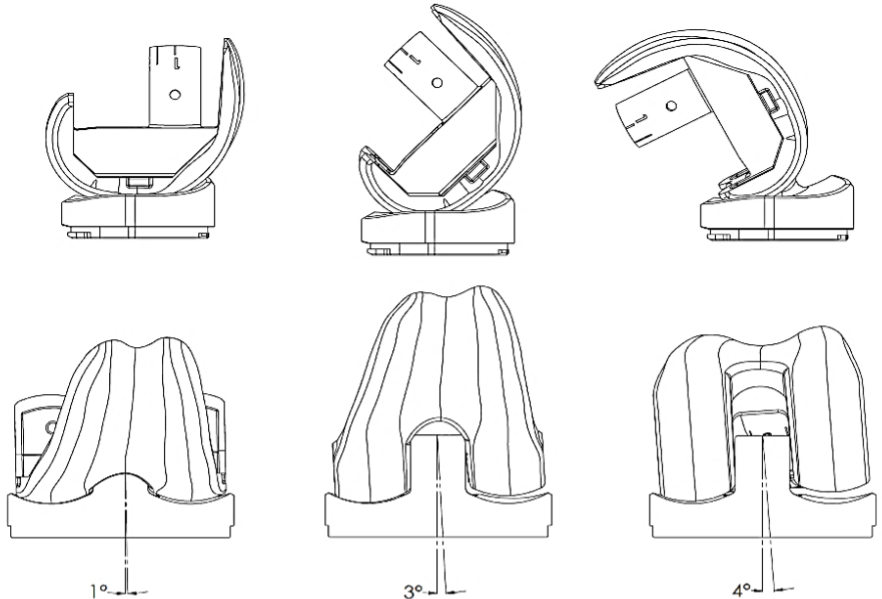
In full extension, increased constraint between tibial post and femoral box.

- Less component tilt and rotation
- Full extension: 1° varus-valgus

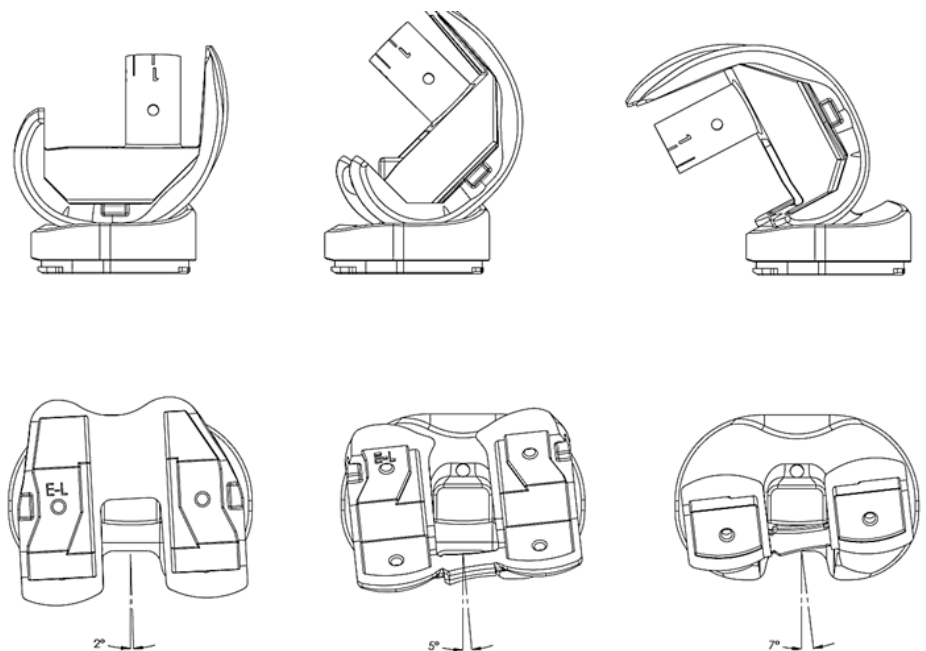
Arc of motion through full flexion

- Clearance between box/post increases
- Progressive increase in tilt and rotation
- Varus-Valus Tilt: 1° - 4°
- Internal-External Rotation: 2° - 7°

### Varus / Valgus Tilt: 1° - 4°



### Internal / External Rotation: 2° - 7°



# Freedom® Titan™ PCK® Knee System

## Femoral Componets

| Part Number | Description                              |
|-------------|------------------------------------------|
| RFPSLB00-GK | TiNbN Femoral PCK Stemmed, Size B, Left  |
| RFPSLC00-GK | TiNbN Femoral PCK Stemmed, Size C, Left  |
| RFPSLE00-GK | TiNbN Femoral PCK Stemmed, Size E, Left  |
| RFPSLF00-GK | TiNbN Femoral PCK Stemmed, Size F, Left  |
| RFPSLG00-GK | TiNbN Femoral PCK Stemmed, Size G, Left  |
| RFPSLH00-GK | TiNbN Femoral PCK Stemmed, Size H, Left  |
| RFPSRB00-GK | TiNbN Femoral PCK Stemmed, Size B, Right |
| RFPSRC00-GK | TiNbN Femoral PCK Stemmed, Size C, Right |
| RFPSRE00-GK | TiNbN Femoral PCK Stemmed, Size E, Right |
| RFPSRF00-GK | TiNbN Femoral PCK Stemmed, Size F, Right |
| RFPSRG00-GK | TiNbN Femoral PCK Stemmed, Size G, Right |
| RFPSRH00-GK | TiNbN Femoral PCK Stemmed, Size H, Right |

## Tibial Baseplate

| Part Number | Description                             |
|-------------|-----------------------------------------|
| RTUUX100-GK | TiNbN Stemmed Tibial Base Plate, Size 1 |
| RTUUX200-GK | TiNbN Stemmed Tibial Base Plate, Size 2 |
| RTUUX300-GK | TiNbN Stemmed Tibial Base Plate, Size 3 |
| RTUUX400-GK | TiNbN Stemmed Tibial Base Plate, Size 4 |
| RTUUX500-GK | TiNbN Stemmed Tibial Base Plate, Size 5 |
| RTUUX600-GK | TiNbN Stemmed Tibial Base Plate, Size 6 |
| RTUUX700-GK | TiNbN Stemmed Tibial Base Plate, Size 7 |
| RTUUX800-GK | TiNbN Stemmed Tibial Base Plate, Size 8 |

## Tibial Augments

| Part Number | Description           |
|-------------|-----------------------|
| RAAUX100-RK | Tibial Augment Size 1 |
| RAAUX200-RK | Tibial Augment Size 2 |
| RAAUX300-RK | Tibial Augment Size 3 |
| RAAUX400-RK | Tibial Augment Size 4 |
| RAAUX500-RK | Tibial Augment Size 5 |
| RAAUX600-RK | Tibial Augment Size 6 |
| RAAUX700-RK | Tibial Augment Size 7 |
| RAAUX800-RK | Tibial Augment Size 8 |

## Patella

| Part Number | Description   |
|-------------|---------------|
| UPUUX825-K  | Patella, 25mm |
| UPUUX828-K  | Patella, 28mm |
| UPUUX831-K  | Patella, 31mm |
| UPUUX834-K  | Patella, 34mm |
| UPUUX837-K  | Patella, 37mm |
| UPUUX841-K  | Patella, 41mm |

## Distal Femoral Augments

| Part Number | Description                   |
|-------------|-------------------------------|
| RGPSDB00-RK | Distal Femoral Augment Size B |
| RGPSDC00-RK | Distal Femoral Augment Size C |
| RGPSDE00-RK | Distal Femoral Augment Size E |
| RGPSDF00-RK | Distal Femoral Augment Size F |
| RGPSDG00-RK | Distal Femoral Augment Size G |
| RGPSDH00-RK | Distal Femoral Augment Size H |

## Posterior Femoral Augments

| Part Number | Description                      |
|-------------|----------------------------------|
| RGPSPB00-RK | Posterior Femoral Augment Size B |
| RGSPSC00-RK | Posterior Femoral Augment Size C |
| RGPSPE00-RK | Posterior Femoral Augment Size E |
| RGSPSF00-RK | Posterior Femoral Augment Size F |
| RGPSPG00-RK | Posterior Femoral Augment Size G |
| RGPSPH00-RK | Posterior Femoral Augment Size H |

## Posterior Femoral Augments

| Part Number | Description         |
|-------------|---------------------|
| RJPXS400-RK | Offset Junction 4mm |
| RJPXS600-RK | Offset Junction 6mm |

## Posterior Femoral Augments

| Part Number | Description        |
|-------------|--------------------|
| RRUUX407-RK | Augment Screw 7mm  |
| RRUUX412-RK | Augment Screw 20mm |
| RRUUX417-RK | Augment Screw 17mm |

## Tibial Inserts

| Part Number  | Description                       |
|--------------|-----------------------------------|
| RLPSXBI11-RK | Tibial Insert PCK, Size B1-2 11mm |
| RLPSXBI14-RK | Tibial Insert PCK, Size B1-2 14mm |
| RLPSXBI17-RK | Tibial Insert PCK, Size B1-2 17mm |
| RLPSXBI20-RK | Tibial Insert PCK, Size B1-2 20mm |
| RLPSXBI23-RK | Tibial Insert PCK, Size B1-2 23mm |
| RLPSXBI27-RK | Tibial Insert PCK, Size B1-2 27mm |
| RLPSXBI31-RK | Tibial Insert PCK, Size B1-2 31mm |
| RLPSXCI11-RK | Tibial Insert PCK, Size C1-2 11mm |
| RLPSXCI14-RK | Tibial Insert PCK, Size C1-2 14mm |
| RLPSXCI17-RK | Tibial Insert PCK, Size C1-2 17mm |
| RLPSXCI20-RK | Tibial Insert PCK, Size C1-2 20mm |
| RLPSXCI23-RK | Tibial Insert PCK, Size C1-2 23mm |
| RLPSXCI27-RK | Tibial Insert PCK, Size C1-2 27mm |
| RLPSXCI31-RK | Tibial Insert PCK, Size C1-2 31mm |
| RLPSXC314-RK | Tibial Insert PCK, Size C3-4 14mm |
| RLPSXC317-RK | Tibial Insert PCK, Size C3-4 17mm |
| RLPSXC320-RK | Tibial Insert PCK, Size C3-4 20mm |
| RLPSXC323-RK | Tibial Insert PCK, Size C3-4 23mm |
| RLPSXC327-RK | Tibial Insert PCK, Size C3-4 27mm |
| RLPSXC331-RK | Tibial Insert PCK, Size C3-4 31mm |
| RLPSXE314-RK | Tibial Insert PCK, Size E3-4 14mm |
| RLPSXE317-RK | Tibial Insert PCK, Size E3-4 17mm |
| RLPSXE320-RK | Tibial Insert PCK, Size E3-4 20mm |
| RLPSXE323-RK | Tibial Insert PCK, Size E3-4 23mm |
| RLPSXE327-RK | Tibial Insert PCK, Size E3-4 27mm |
| RLPSXE331-RK | Tibial Insert PCK, Size E3-4 31mm |
| RLPSXE511-RK | Tibial Insert PCK, Size E5-6 11mm |
| RLPSXE514-RK | Tibial Insert PCK, Size E5-6 14mm |
| RLPSXE517-RK | Tibial Insert PCK, Size E5-6 17mm |
| RLPSXE520-RK | Tibial Insert PCK, Size E5-6 20mm |
| RLPSXE523-RK | Tibial Insert PCK, Size E5-6 23mm |
| RLPSXE527-RK | Tibial Insert PCK, Size E5-6 27mm |
| RLPSXE531-RK | Tibial Insert PCK, Size E5-6 31mm |

| Part Number  | Description                       |
|--------------|-----------------------------------|
| RLPSXF511-RK | Tibial Insert PCK, Size F5-6 11mm |
| RLPSXF514-RK | Tibial Insert PCK, Size F5-6 14mm |
| RLPSXF517-RK | Tibial Insert PCK, Size F5-6 17mm |
| RLPSXF520-RK | Tibial Insert PCK, Size F5-6 20mm |
| RLPSXF523-RK | Tibial Insert PCK, Size F5-6 23mm |
| RLPSXF527-RK | Tibial Insert PCK, Size F5-6 27mm |
| RLPSXF531-RK | Tibial Insert PCK, Size F5-6 31mm |
| RLPSXF711-RK | Tibial Insert PCK, Size F7-8 11mm |
| RLPSXF714-RK | Tibial Insert PCK, Size F7-8 14mm |
| RLPSXF717-RK | Tibial Insert PCK, Size F7-8 17mm |
| RLPSXF720-RK | Tibial Insert PCK, Size F7-8 20mm |
| RLPSXF723-RK | Tibial Insert PCK, Size F7-8 23mm |
| RLPSXF727-RK | Tibial Insert PCK, Size F7-8 27mm |
| RLPSXF731-RK | Tibial Insert PCK, Size F7-8 31mm |
| RLPSXG511-RK | Tibial Insert PCK, Size G5-6 11mm |
| RLPSXG514-RK | Tibial Insert PCK, Size G5-6 14mm |
| RLPSXG517-RK | Tibial Insert PCK, Size G5-6 17mm |
| RLPSXG520-RK | Tibial Insert PCK, Size G5-6 20mm |
| RLPSXG523-RK | Tibial Insert PCK, Size G5-6 23mm |
| RLPSXG527-RK | Tibial Insert PCK, Size G5-6 27mm |
| RLPSXG531-RK | Tibial Insert PCK, Size G5-6 31mm |
| RLPSXG711-RK | Tibial Insert PCK, Size G7-8 11mm |
| RLPSXG714-RK | Tibial Insert PCK, Size G7-8 14mm |
| RLPSXG717-RK | Tibial Insert PCK, Size G7-8 17mm |
| RLPSXG720-RK | Tibial Insert PCK, Size G7-8 20mm |
| RLPSXG723-RK | Tibial Insert PCK, Size G7-8 23mm |
| RLPSXG727-RK | Tibial Insert PCK, Size G7-8 27mm |
| RLPSXG731-RK | Tibial Insert PCK, Size G7-8 31mm |
| RLPSXH711-RK | Tibial Insert PCK, Size H7-8 11mm |
| RLPSXH714-RK | Tibial Insert PCK, Size H7-8 14mm |
| RLPSXH717-RK | Tibial Insert PCK, Size H7-8 17mm |
| RLPSXH720-RK | Tibial Insert PCK, Size H7-8 20mm |
| RLPSXH723-RK | Tibial Insert PCK, Size H7-8 23mm |

## Tibial Inserts

| Part Number | Description               |
|-------------|---------------------------|
| RSUU1090-RK | Stem Extension 9×40mm     |
| RSUU1120-RK | Stem Extension 12×40mm    |
| RSUU1150-RK | Stem Extension 15×40mm    |
| RSUU2075-RK | Stem Extension 7.5×75mm   |
| RSUU2090-RK | Stem Extension 9×75mm     |
| RSUU2105-RK | Stem Extension 10.5×75mm  |
| RSUU2120-RK | Stem Extension 12×75mm    |
| RSUU2135-RK | Stem Extension 13.5×75mm  |
| RSUU2150-RK | Stem Extension 15×75mm    |
| RSUU2165-RK | Stem Extension 16.5×75mm  |
| RSUU2180-RK | Stem Extension 18×75mm    |
| RSUU2200-RK | Stem Extension 20×75mm    |
| RSUU3075-RK | Stem Extension 7.5×100mm  |
| RSUU3090-RK | Stem Extension 9×100mm    |
| RSUU3105-RK | Stem Extension 10.5×100mm |
| RSUU3120-RK | Stem Extension 12×100mm   |
| RSUU3135-RK | Stem Extension 13.5×100mm |
| RSUU3150-RK | Stem Extension 15×100mm   |
| RSUU3165-RK | Stem Extension 16.5×100mm |
| RSUU3180-RK | Stem Extension 18×100mm   |
| RSUU3200-RK | Stem Extension 22×100mm   |
| RSUU4075-RK | Stem Extension 7.5×150mm  |
| RSUU4090-RK | Stem Extension 9×150mm    |
| RSUU4105-RK | Stem Extension 10.5×150mm |
| RSUU4120-RK | Stem Extension 12×150mm   |
| RSUU4135-RK | Stem Extension 13.5×150mm |
| RSUU4150-RK | Stem Extension 15×150mm   |
| RSUU4165-RK | Stem Extension 16.5×150mm |
| RSUU4180-RK | Stem Extension 18×150mm   |
| RSUU4200-RK | Stem Extension 22×150mm   |

# Pursue Life

For more information about Freedom® Knee System please contact your local representative.

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Freedom® Titan™ PCK® Knee System

Rx only



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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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