



ZENITH[®]
Swift

Primary / Revision Knee System



ZENITH[®] Primary / Revision Knee System

ZENITH[®] Knee system fulfills current and future requirements for a long-term implant. Thanks to many years of experience gained with traditional knee systems and the recent developments in design and production technology.

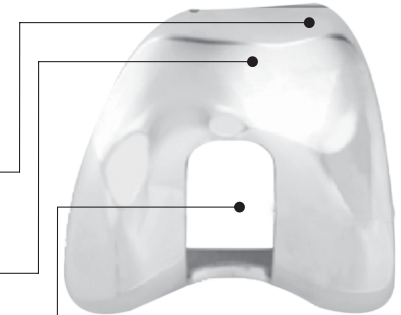
PS Femoral Component

ZENITH Knee Hi-Flex PS Femoral Component is of cobalt chromium-molybdenum alloy and asymmetric in design.

Anatomic arc angle design, reduces the pressure on soft tissue

Deeper trochlear groove allows for more natural patellar tracking from extension to flexion and eliminates patella clunk syndrome.

Enhanced Com/Spine mechanism controls femoral roll back and minimises subluxation.



The anterior condyle is thinner and is effective in avoiding parapatellar pain.

Design of the peg increases the stability of the prosthesis during high flexion.

Extended and thickened posterior condyle design, allows high flexion rotation and provides stability at 155° flexion.



CR Femoral Component

ZENITH Knee Hi-Flex CR Femoral Component is of cobalt chromium-molybdenum alloy and asymmetric in design.

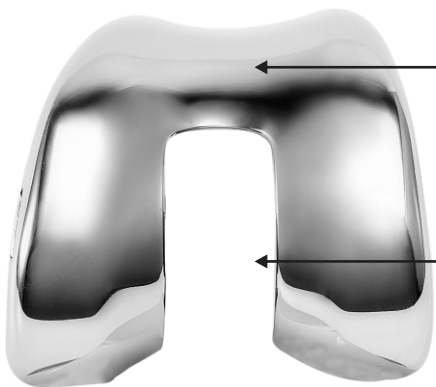
Patellar femoral track has been enhanced with a deepened trochlear groove. This feature relaxes the extensor mechanism and is designed to enable deeper flexion.

Shorter posterior condyles facilitate the relaxation of soft tissues to enable deep flexion.

The condylar geometry is designed to allow for rapid flexion, enhanced contact area and knee rotation up to 155 degrees of flexion.

The thickened posterior condyles prevents mid flexion instability during the process of high flexion.

CR Femoral component minimises bone loss since it eliminates the need for box cut.



PS Tibial Insert

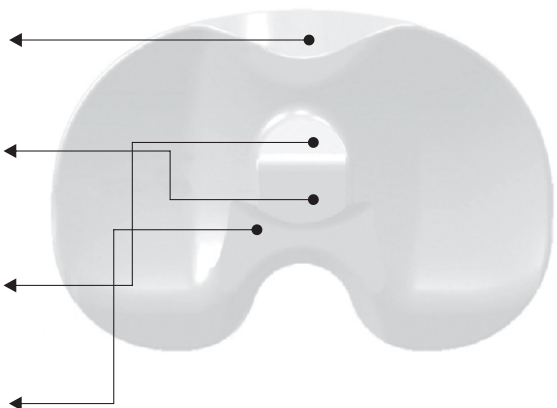
ZENITH[®] Knee Hi-Flex PS Tibial Insert is of UHMWPE

The anterior deep notch design reduces the adverse effect on the patellar ligament during high flexion.

The spine and cam mechanism combined with insert upper geometry provides controlled roll back during high flexion without posterior impingement.

Aquiline nose-shaped post design reduces the risk of dislocation during high flexion.

The dual joint surface's bonding mechanism between the post and crossbeam, reduces the pressure to the post and lowers the wear.



CR Tibial Insert

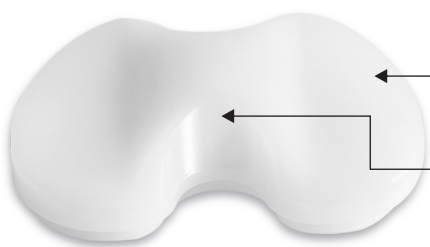
ZENITH[®] Hi-Flex Knee UC Tibial Insert is of UHMWPE

ZENITH Knee Hi-Flex UC insert provides similar functional outcomes without increasing the incidence of adverse events.

UC inserts are characterized by an elevated anterior and deeper trough and there by prevent anterior subluxation of femoral condyles during flexion.

UC insert do not need a cam mechanism, avoiding the risk of cam impingement, wear or breakage, and reducing the risk of condylar fracture and excessive bone resection due to the intercondylar box.

Reduced axial rotation with UC insert compared to PS insert, which might result in increased long term polyethylene wear in a highly congruent fixed bearing design.



Tibial Component

ZENITH[®] Knee Tibial Component is of cobalt chromium-molybdenum alloy and symmetric in design

Extended keel wing design provides initial implant stability.

Stable locking design reduces micro movement and thereby prevents backside poly wear.

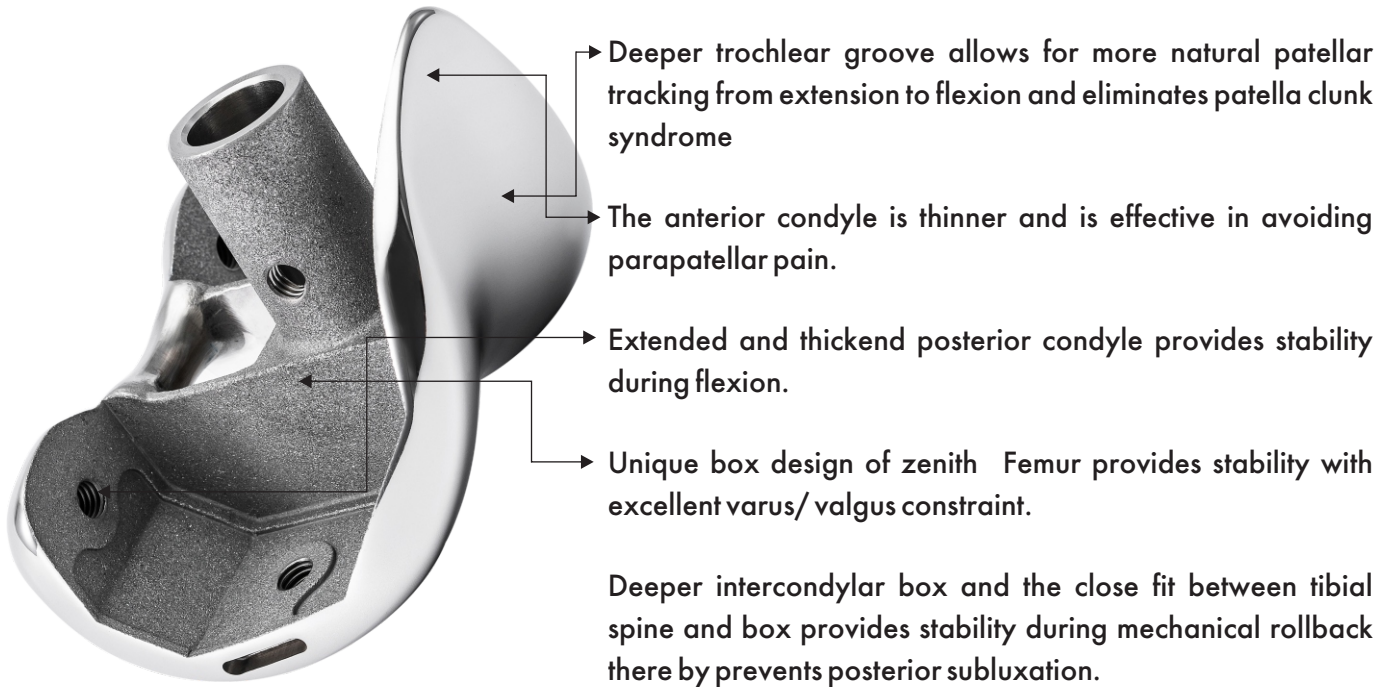
Tibial component serves as both as primary / revision tibia and can accomodate stems and wedges.



CC Femoral Component

ZENITH[®] Knee CC System address the art of revision with the science of Precision. If augmentation is required Zenith CC Knee System offers wide range of Femoral and Tibial solutions.

CC Knee Femoral Component is of cobalt chromium-molybdenum alloy and asymmetric in design.



Femoral component is designed to accommodate distal / posterior augment in case of bone defect.

Femoral component is designed to accommodate straight / offset stem.

CC Tibial Insert

ZENITH[®] Knee CC Tibial Insert is of UHMWPE

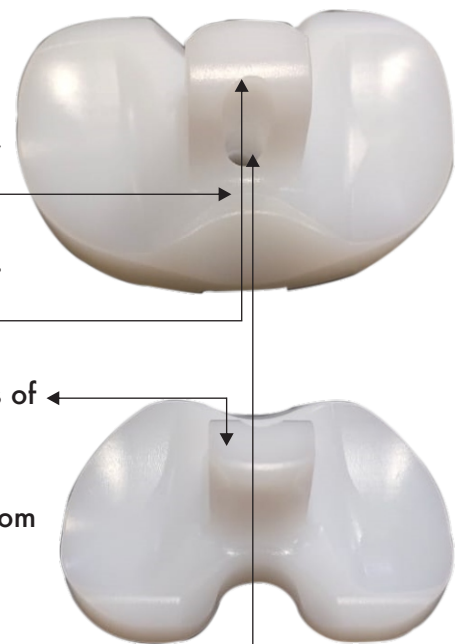
The anterior deep notch design reduces the adverse effect on the patellar ligament during high flexion.

The elevated and thickened spine fit in the femoral box and provides excellent stability to augment deficient medial or lateral collateral soft tissues.

Tibial spine provides 1.5 degrees of varus / valgus freedom and 2 degrees of Internal / external rotation.

Deeper femoral box / elevated tibial spine combined with varus / valgus freedom and rotation provides range of motion of 120 degrees.

Tibial insert is secured with tibial tray by a screw for additional stability.



Patellar Component

ZENITH[®] Knee Patella is of UHMWPE

Spherical all polyethylene patellar component allows for interchangeability and high congruence through out the range of motion.

Available in Ø 28mm, 30mm and 32mm.



Stems

ZENITH[®] Knee straight / offset stem is of Titanium Alloy.

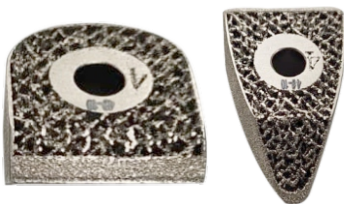
Stem option allow the surgeon to optimize canal fill and component positioning.

Offset stem design allows the component to be positioned 3mm away from the center of the canal in situation where canal is not centered relative to the distal femur or proximal tibial surface.

Wedges

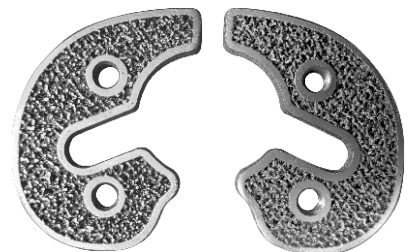
ZENITH[®] Knee - Femur Augments / tibial wedges is of Titanium Alloy

CC Femur/Tibia offers option for femoral augments / tibial wedges in case of inadequate bone stock



Distal / posterior femoral augments are available in 5mm / 10 mm thickness

Tibial wedges are available as half wedges in 5mm / 10mm thickness



PRIMARY / REVISION IMPLANTS

Standard for Cemented Use

Femoral Component-Posterior Stabilized

| Sizes | Art. No. Left | Art. No. Right | Dimension AP/ML |
|-------|---------------|----------------|-----------------|
| 2 | 30-20-02 | 30-10-02 | 54/60.5 |
| 3 | 30-20-03 | 30-10-03 | 56/63.0 |
| 4 | 30-20-04 | 30-10-04 | 59/65.0 |
| 5 | 30-20-05 | 30-10-05 | 62/67.5 |
| 6 | 30-20-06 | 30-10-06 | 65/70.5 |
| 7 | 30-20-07 | 30-10-07 | 68/75.0 |
| 8 | 30-20-08 | 30-10-08 | 72/78.5 |

* Size 1 PS Femur is available on special request

Femoral Component-Cruciate Retained

| Sizes | Art. No. Left | Art. No. Right | Dimension AP/ML |
|-------|---------------|----------------|-----------------|
| 2 | 30-21-02 | 30-11-02 | 54/60.5 |
| 3 | 30-21-03 | 30-11-03 | 56/63.0 |
| 4 | 30-21-04 | 30-11-04 | 59/65.0 |
| 5 | 30-21-05 | 30-11-05 | 62/67.5 |
| 6 | 30-21-06 | 30-11-06 | 65/70.5 |
| 7 | 30-21-07 | 30-11-07 | 68/75.0 |
| 8 | 30-21-08 | 30-11-08 | 72/78.5 |

* Size 1 CR Femur is available on special request

CC Femoral Component

| Sizes | Art. No. Left | Art. No. Right | Dimension AP / ML |
|-------|---------------|----------------|-------------------|
| 2 | 30-22-02 | 30-12-02 | 54/60.5 |
| 3 | 30-22-03 | 30-12-03 | 56/63.0 |
| 4 | 30-22-04 | 30-12-04 | 59/65.0 |
| 5 | 30-22-05 | 30-12-05 | 62/67.5 |
| 6 | 30-22-06 | 30-12-06 | 65/70.5 |
| 7 | 30-22-07 | 30-12-07 | 68/75.0 |

Tibial Component

| Sizes | Art. No. | Dimension AP / ML |
|-------|----------|-------------------|
| 2 | 31-00-02 | 40/61.0 |
| 3 | 31-00-03 | 43/65.0 |
| 4 | 31-00-04 | 45/68.0 |
| 5 | 31-00-05 | 47/70.0 |
| 6 | 31-00-06 | 51/71.0 |
| 7 | 31-00-07 | 53/79.0 |

* Size 1 & Size 8 non stemmable tibia is available on special request

Tibial Insert-Posterior Stabilized

| Thickness (mm) | Art. No. Size 2/3/4 | Art. No. Size 5/6 | Art. No. Size 7/8 |
|----------------|---------------------|-------------------|-------------------|
| | AP/ML: 45/68 | AP/ML: 51/75 | AP/ML: |
| 10 | 32-24-10 | 32-56-10 | 32-78-10 |
| 12 | 32-24-12 | 32-56-12 | 32-78-12 |
| 14 | 32-24-14 | 32-56-14 | 32-78-14 |
| 16 | 32-24-16 | 32-56-16 | 32-78-16 |
| 18 | 32-24-18 | 32-56-18 | 32-78-18 |

* Size 1 PS Tibial insert is available on special request

Tibial Insert-Cruciate Retained

| Thickness (mm) | Art. No. Size 2/3/4 | Art. No. Size 5/6 | Art. No. Size 7/8 |
|----------------|---------------------|-------------------|-------------------|
| | AP/ML: 45/68 | AP/ML: 51/75 | AP/ML: 56/84 |
| 10 | 40-24-10 | 40-56-10 | 40-78-10 |
| 12 | 40-24-12 | 40-56-12 | 40-78-12 |
| 14 | 40-24-14 | 40-56-14 | 40-78-14 |
| 16 | 40-24-16 | 40-56-16 | 40-78-16 |
| 18 | 40-24-18 | 40-56-18 | 40-78-18 |

* Size 1 CR Tibial insert is available on special request



PRIMARY / REVISION IMPLANTS

Standard for Cemented Use

CC Tibial Insert

| Thickness (mm) | Art. No. Size 2/3/4 | Art. No. Size 5/6 | Art. No. Size 7 |
|----------------|---------------------|-------------------|-----------------|
| | AP/ML: 45/68 | AP/ML: 51/75 | AP/ML: 56/85 |
| 12 | 37-24-12 | 37-56-12 | 37-07-12 |
| 14 | 37-24-14 | 37-56-14 | 37-07-14 |
| 16 | 37-24-16 | 37-56-16 | 37-07-16 |
| 18 | 37-24-18 | 37-56-18 | 37-07-18 |
| 20 | 37-24-20 | 37-56-20 | 37-07-20 |

Femoral / Tibial Stem Extension (With Screw - Straight)

| Length (mm) | Ø 10 (mm) | Ø 12 (mm) | Ø 14 (mm) | Ø 16 (mm) | Ø 18 (mm) |
|-------------|-----------|-----------|-----------|-----------|-----------|
| 40 | 33-10-40 | 33-12-40 | 33-14-40 | 33-16-40 | 33-18-40 |
| 70 | 33-10-70 | 33-12-70 | 33-14-70 | 33-16-70 | 33-18-70 |
| 100 | 33-10-100 | 33-12-100 | 33-14-100 | 33-16-100 | 33-18-100 |
| 130 | 33-10-130 | 33-12-130 | 33-14-130 | 33-16-130 | 33-18-130 |

Tibial Half Wedge (With Screw)

| Sizes | Art. No. Left | | Art. No. Right | |
|-------|---------------|-------------|----------------|-------------|
| | 5 mm Thick | 10 mm Thick | 5 mm Thick | 10 mm Thick |
| 2 | 35-05-02 | 35-10-02 | 35-05-12 | 35-10-12 |
| 3 | 35-05-03 | 35-10-03 | 35-05-13 | 35-10-13 |
| 4 | 35-05-04 | 35-10-04 | 35-05-14 | 35-10-14 |
| 5 | 35-05-05 | 35-10-05 | 35-05-15 | 35-10-15 |
| 6 | 35-05-06 | 35-10-06 | 35-05-16 | 35-10-16 |

CC Femoral Augment - Distal (With Screw)

| Sizes | Art. No. | |
|-------|------------|-------------|
| | 5 mm Thick | 10 mm Thick |
| 2 | 41-05-02 | 41-10-02 |
| 3 | 41-05-03 | 41-10-03 |
| 4 | 41-05-04 | 41-10-04 |
| 5 | 41-05-05 | 41-10-05 |
| 6 | 41-05-06 | 41-10-06 |
| 7 | 41-05-07 | 41-10-07 |

Femoral / Tibial Stem Extension (With Screw - Offset)

| Length (mm) | Ø 10 (mm) | Ø 12 (mm) | Ø 14 (mm) | Ø 16 (mm) |
|-------------|-----------|-----------|-----------|-----------|
| 100 | 34-10-100 | 34-12-100 | 37-14-100 | 34-16-100 |
| 130 | 34-10-130 | 34-12-130 | 34-14-130 | 34-16-130 |

Screw for CC Tibial Insert

| Sizes | Art. No. | Length (mm) |
|-------|----------|-------------|
| M5 | 38-05-00 | 33.5 |

CC Femoral Augment - Posterior (With Screw)

| Sizes | Art. No. | |
|-------|------------|-------------|
| | 5 mm Thick | 10 mm Thick |
| 2 | 42-05-02 | 42-10-02 |
| 3 | 42-05-03 | 42-10-03 |
| 4 | 42-05-04 | 42-10-04 |
| 5 | 42-05-05 | 42-10-05 |
| 6 | 42-05-06 | 42-10-06 |
| 7 | 42-05-07 | 42-10-07 |

Patella


| Dia (mm) | Art. No. |
|----------|----------|
| 28 | 39-01-28 |
| 30 | 39-01-30 |
| 32 | 39-01-32 |





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Swift

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