



Product Catalogue



 **Jawa**
CUSTOM TUMOR SYSTEM

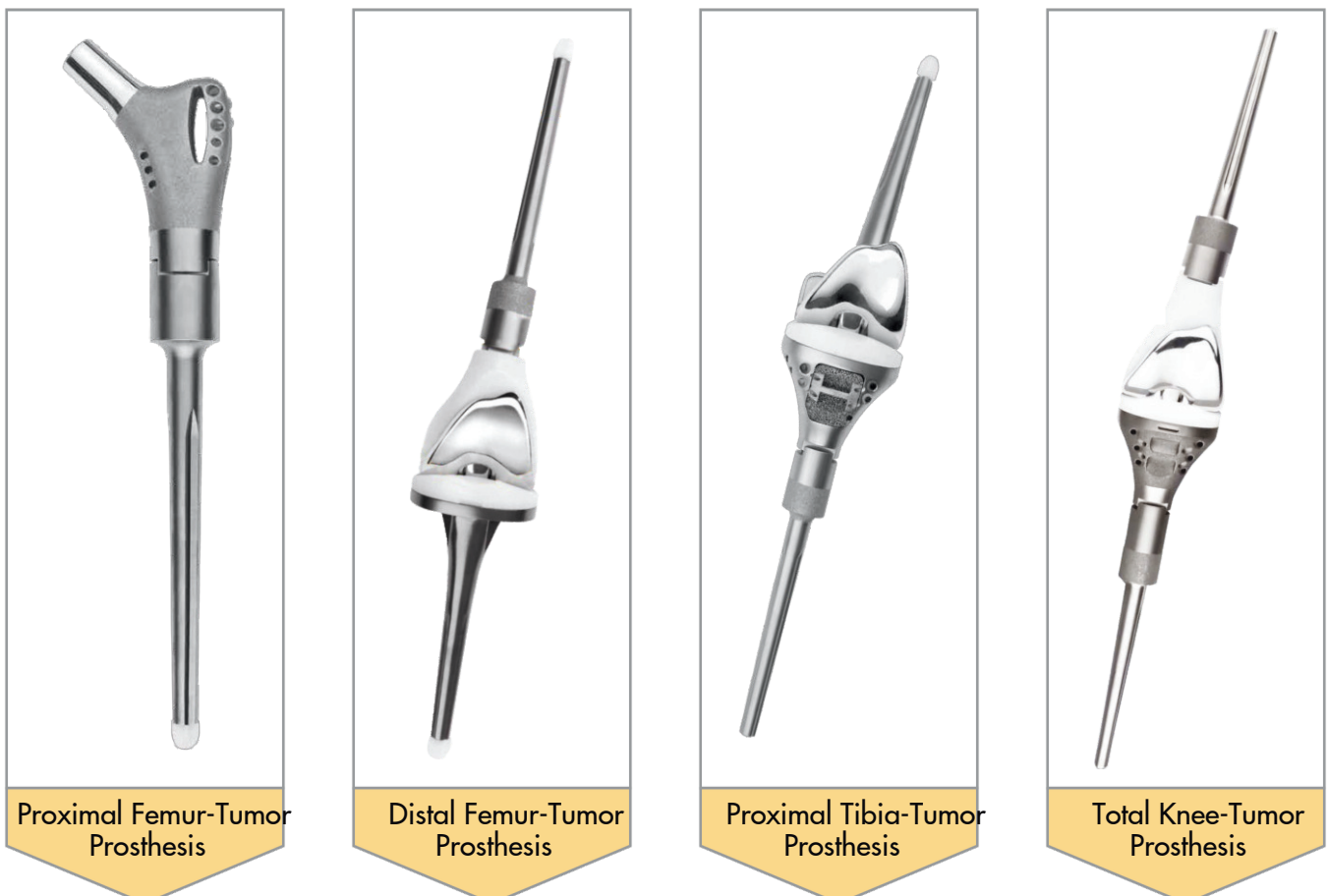
You can believe in...

Jawa Tumor System

Jawa Custom Tumor System is designed for limb salvage / oncology procedure requiring treatment of revision and loosened femoral prosthesis involving extensive bone loss, surgical intervention of severe trauma, oncology cases where extensive resection of bone is required.

Jawa Custom Tumor System is designed to provide surgeons with modularity to meet the unique needs of each individual patient.

Jawa Custom Tumor System is intended to replace the Proximal Femur, Distal Femur, Proximal Tibia, and total knee in cases that require extensive resection and restoration.



System Description:

- ∨ Advance development in designing and production technology has immensely benefited in manufacturing of Jawa Custom Tumor System.
- ∨ Jawa system's high modularity allows partial bone replacements both in the proximal and distal femur in small increments as well as a total replacement of the femur.
- ∨ Modularity of Jawa system successfully addresses intra operative problem. Observation of Biomechanic load & anchoring principles allow utmost safety of the system and provides better surgical outcome.
- ∨ Maximum intraoperative flexibility due to high modular implant components thus reducing cost for true custom made implants.
- ∨ Coupling mechanics clinically used over a long period.
- ∨ Option for Length adjustment in 10mm increment intraoperatively.
- ∨ Easy to handle integrated Instrumentation System.

Modular Proximal Femur Custom Hip Prosthesis

Indications

- ✓ Proximal Femur Tumor.
 - ✓ Patient requiring extensive reconstruction of the hip joint.
 - ✓ Failed previous prosthesis and / or tumor resection.
-
- ✓ Suture holes in both greater and lesser trochanter provides for suturing and restore muscle function and attachment.
 - ✓ Prominent design in greater trochanter region of the prosthesis allows to restore the shape of hip and increase the torque of gluteus medius, strengthen the abduction of lower limb. Lateral grooves and shot blasting surface make grafting (if needed) more stable with higher survival rate.
 - ✓ Lengthier prosthesis can be customized.
 - ✓ Cemented Stem is made of Titanium alloy.



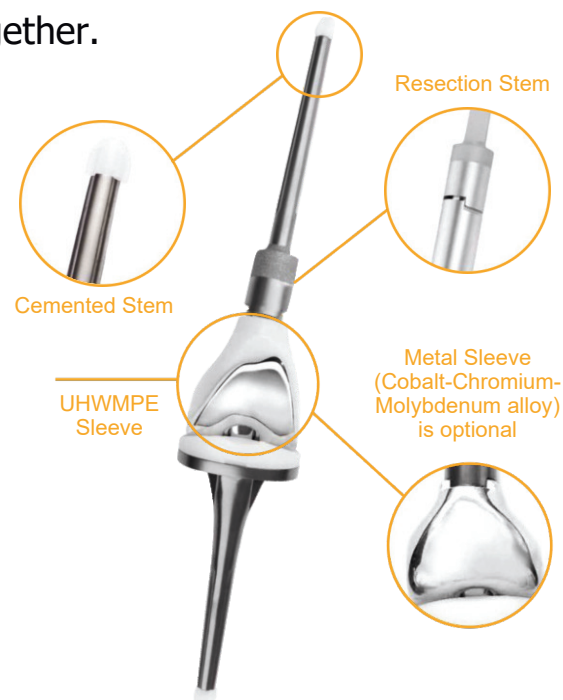
Distal Femoral Custom Knee Prosthesis

Indications

- √ Distal Femoral Custom Knee System is designed to address significant bone loss resulting from oncology trauma and / or the salvage of previously failed arthroplasty.
 - √ System is designed to reconstruct large segmental defects of the knee.
 - √ For patient with neuromuscular disease.
 - √ Compromised knee extension function.
 - √ Severe recurvature deformity.
-
- √ Jawa Distal Femoral System consists of distal femoral component, insert extension sleeve and stem.
 - √ The modular implants are assembled by impacting a male / female taper design, securely locking them together.



Femur Component - Tumor



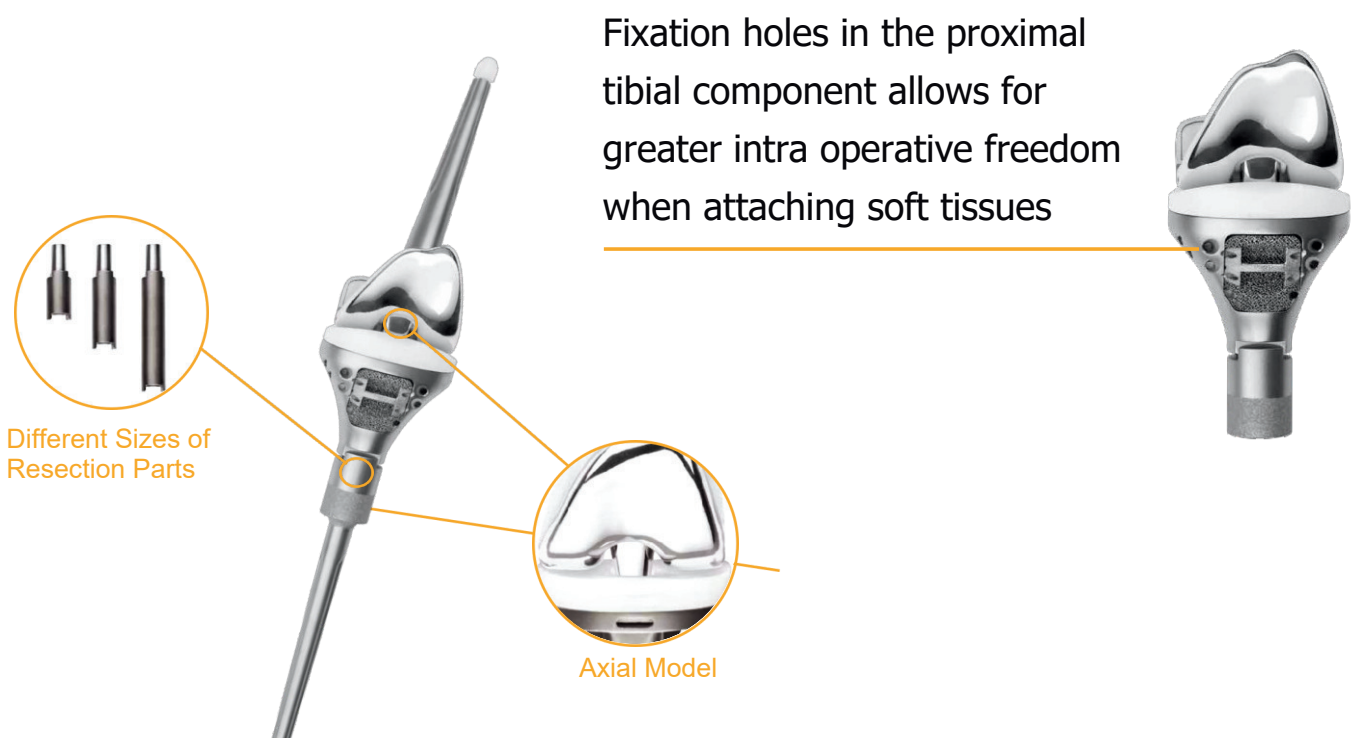
Proximal Tibia Custom Knee Prosthesis

Indications

- ✓ Reconstruction of large segmental defects of the proximal tibia.
 - ✓ Reconstruction of Osteoarticular defects of varying sizes.
 - ✓ Ligament deficiencies.
 - ✓ Tumor resections.
-
- ✓ Proximal Tibial Custom Knee System consists of proximal tibial component, tibial insert, extension sleeve and stem.

The components are assembled during surgery by impacting them together.

The impaction causes male/female taper to securely lock the components together.



Total Knee Custom Tumor Prosthesis

Indications

- ∨ Tumor, comminuted fracture or massive defects in both femur and tibia, when common prosthesis will not work



- ∨ Revision surgery after hinge knee or rotational knee joint.
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- ∨ Total Knee Tumor System combines both the femoral/tibia knee features.
- ∨ Knee joint components are based on long term clinical experience with proven design.
- ∨ Customized knee system and modular knee system are available according to clinical needs.
- ∨ Coupling mechanics clinically used over a long period.
- ∨ The components are assembled during surgery by impacting them together.
- ∨ The impaction causes male/female taper to securely lock the components together.

Jawa axis elbow custom prosthesis

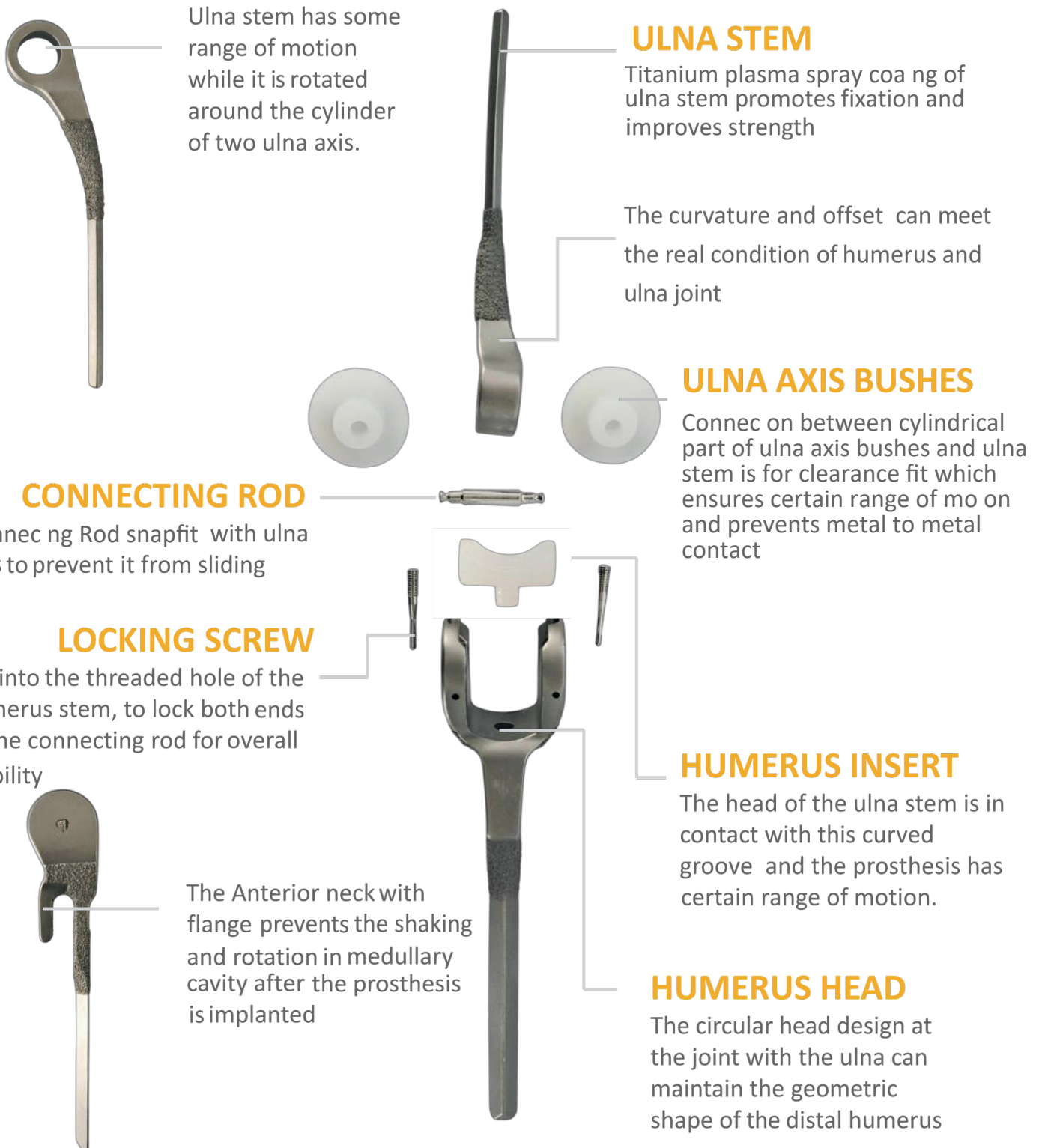
The Jawa axis custom elbow prosthesis is based on the foundation of a time tested and clinically proven design.

Technical improvements brought out with new manufacturing process further enhances the quality and longevity of the Jawa axis elbow system.

Jawa axis elbow system consists of Humeral stem, Ulna stem, Humeral insert, Ulna axis bushes, connecting rod and screws



Product Description



JAWA System Over View

Proximal Femur - Tumor



Neck Segment



Universal Extension Sleeve (Optional)



Universal Stem

Distal Femur - Tumor



Universal Stem



Universal Extension Sleeve (Optional)



Femur Component - Tumor



Tibial Poly insert



Tibial Tray - Standard

JAWA System Over View

Proximal Tibia - Tumor



Femur Component - Standard



Tibial Poly Insert



Tibial Tray - Tumor



Extension Sleeve (Optional)



Universal Stem

Total Knee - Tumor



Universal Stem



Femur Component - Tumor



Tibial Poly insert



Tibial Tray - Tumor



Universal Stem



Universal Extension Sleeve (Optional)

JAWA System - Implant Specification



I) Custom Hip Tumor Implant

H 5024 Proximal Femur Hip Component, L50 mm



II-A) Distal Femur Tumor Implant

FCT 2L Femur - Tumor, Size 2, Left, M/L : 56

FCT 4L Femur - Tumor, Size 4, Left, M/L : 61

FCT 6L Femur - Tumor, Size 6, Left, M/L : 66

FCT 8L Femur - Tumor, Size 8, Left, M/L : 71

FCT 2R Femur - Tumor, Size 2, Right, M/L : 56

FCT 4R Femur - Tumor, Size 4, Right, M/L : 61

FCT 6R Femur - Tumor, Size 6, Right, M/L : 66

FCT 8R Femur - Tumor, Size 8, Right, M/L : 71



Tibial Tray - Standard

TTS 1 Tibia - Standard Size 1, M/L : 58

TTS 2 Tibia - Standard Size 2, M/L : 62

TTS 4 Tibia - Standard Size 4, M/L : 67

TTS 6 Tibia - Standard Size 6, M/L : 72

TTS 8 Tibia - Standard Size 8, M/L : 77



II-B) Proximal Tibia Tumor Implant

FCS 2R Femur standard, size 2, Right, M/L : 56

FCS 4R Femur standard, size 4, Right, M/L : 61

FCS 6R Femur standard, size 6, Right, M/L : 66

FCS 8R Femur standard, size 8, Right, M/L : 71

FCS 2L Femur standard, size 2, Left, M/L : 56

FCS 4L Femur standard, size 4, Left, M/L : 61

FCS 6L Femur standard, size 6, Left, M/L : 66

FCS 8L Femur standard, size 8, Left, M/L : 71



Tibia Tray - Tumor

TTT 1 Tibial Tray Tumor, Size 1, M/L : 58

TTT 2 Tibial Tray Tumor, Size 2, M/L : 62

TTT 4 Tibial Tray Tumor, Size 4, M/L : 67

TTT 6 Tibial Tray Tumor, Size 6, M/L : 72

TTT 8 Tibial Tray Tumor, Size 8, M/L : 77

II-C) TIBIAL POLY INSERT (COMMON FOR A & B)

TPI 1-8.5 Tibial Insert, Size 1, Thick 8.5mm, M/L : 58

TPI 1-11.5 Tibial Insert, Size 1, Thick 11.5mm, M/L : 58

TPI 1-14.5 Tibial Insert, Size 1, Thick 14.5mm, M/L : 58

TPI 1-17.5 Tibial Insert, Size 1, Thick 17.5mm, M/L : 58

TPI 2-8.5 Tibial Insert, Size 2, Thick 8.5mm, M/L : 62

TPI 2-11.5 Tibial Insert, Size 2, Thick 11.5mm, M/L : 62

TPI 2-14.5 Tibial Insert, Size 2, Thick 14.5mm, M/L : 62

TPI 2-17.5 Tibial Insert, Size 2, Thick 17.5mm, M/L : 62



TPI 4-8.5 Tibial Insert, Size 4, Thick 8.5mm, M/L : 67

TPI 4-11.5 Tibial Insert, Size 4, Thick 11.5mm, M/L : 67

TPI 4-14.5 Tibial Insert, Size 4, Thick 14.5mm, M/L : 67

TPI 4-17.5 Tibial Insert, Size 4, Thick 17.5mm, M/L : 67

TPI 6-8.5 Tibial Insert, Size 6, Thick 8.5mm, M/L : 72

TPI 6-11.5 Tibial Insert, Size 6, Thick 11.5mm, M/L : 72

TPI 6-14.5 Tibial Insert, Size 6, Thick 14.5mm, M/L : 72

TPI 6-17.5 Tibial Insert, Size 6, Thick 17.5mm, M/L : 72

TPI 8-8.5 Tibial Insert, Size 8, Thick 8.5mm, M/L : 77

TPI 8-11.5 Tibial Insert, Size 8, Thick 11.5mm, M/L : 77

TPI 8-14.5 Tibial Insert, Size 8, Thick 14.5mm, M/L : 77

TPI 8-17.5 Tibial Insert, Size 8, Thick 17.5mm, M/L : 77



III) Universal Extension Component

U24040 Dia 24mm , Length 40mm

U24050 Dia 24mm , Length 50mm

U24060 Dia 24mm , Length 60mm

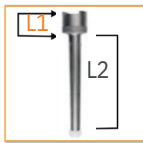
U24070 Dia 24mm , Length 70mm

U24080 Dia 24mm , Length 80mm

U24090 Dia 24mm , Length 90mm

U24100 Dia 24mm , Length 100mm

JAWA System - Implant Specification

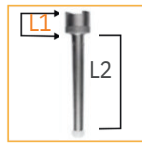


Universal Stem, L1 - 30mm

- U30-11-105 Dia 11mm, L2 - 105mm
- U30-11-115 Dia 11mm, L2 - 115mm
- U30-11-125 Dia 11mm, L2 - 125mm
- U30-11-135 Dia 11mm, L2 - 135mm

- U30-12-115 Dia 12mm, L2 - 115mm
- U30-12-125 Dia 12mm, L2 - 125mm
- U30-12-135 Dia 12mm, L2 - 135mm
- U30-12-145 Dia 12mm, L2 - 145mm

- U30-13-125 Dia 13mm, L2 - 125mm
- U30-13-135 Dia 13mm, L2 - 135mm
- U30-13-145 Dia 13mm, L2 - 145mm



Universal Stem, L1 - 50mm

- U50-11-105 Dia 11mm, L2 - 105mm
- U50-11-115 Dia 11mm, L2 - 115mm
- U50-11-125 Dia 11mm, L2 - 125mm
- U50-11-135 Dia 11mm, L2 - 135mm

- U50-12-115 Dia 12mm, L2 - 115mm
- U50-12-125 Dia 12mm, L2 - 125mm
- U50-12-135 Dia 12mm, L2 - 135mm
- U50-12-145 Dia 12mm, L2 - 145mm

- U50-13-125 Dia 13mm, L2 - 125mm
- U50-13-135 Dia 13mm, L2 - 135mm
- U50-13-145 Dia 13mm, L2 - 145mm

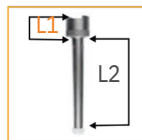


Universal Stem, L1 - 40mm

- U40-11-105 Dia 11mm, L2 - 105mm
- U40-11-115 Dia 11mm, L2 - 115mm
- U40-11-125 Dia 11mm, L2 - 125mm
- U40-11-135 Dia 11mm, L2 - 135mm

- U40-12-115 Dia 12mm, L2 - 115mm
- U40-12-125 Dia 12mm, L2 - 125mm
- U40-12-135 Dia 12mm, L2 - 135mm
- U40-12-145 Dia 12mm, L2 - 145mm

- U40-13-125 Dia 13mm, L2 - 125mm
- U40-13-135 Dia 13mm, L2 - 135mm
- U40-13-145 Dia 13mm, L2 - 145mm



Universal Stem, L1 - 60mm

- U60-11-105 Dia 11mm, L2 - 105mm
- U60-11-115 Dia 11mm, L2 - 115mm
- U60-11-125 Dia 11mm, L2 - 125mm
- U60-11-135 Dia 11mm, L2 - 135mm

- U60-12-115 Dia 12mm, L2 - 115mm
- U60-12-125 Dia 12mm, L2 - 125mm
- U60-12-135 Dia 12mm, L2 - 135mm
- U60-12-145 Dia 12mm, L2 - 145mm

- U60-13-125 Dia 13mm, L2 - 125mm
- U60-13-135 Dia 13mm, L2 - 135mm
- U60-13-145 Dia 13mm, L2 - 145mm

JAWA axis Elbow System - Implant Specification

Sizes	Length	Art No
1	95 mm	27.01.095
1+	145 mm	27.01.145
2	100 mm	27.02.100
2+	150 mm	27.02.150
3	105 mm	27.03.105
3+	155 mm	27.03.155



Ulna Stem with Bush & Connecting Rod - Right

Sizes	Length	Side	Art No
1	75 mm	Right	27.01.075
1+	100 mm	Right	27.01.100
2	80 mm	Right	27.02.080
2+	115 mm	Right	27.02.115
3	90 mm	Right	27.03.090
3+	120 mm	Right	27.03.120



Ulna Stem with Bush & Connecting Rod - Left

Sizes	Length	Side	Art No
1	75 mm	Left	27.11.075
1+	100 mm	Left	27.11.100
2	80 mm	Left	27.12.080
2+	115 mm	Left	27.12.115
3	90 mm	Left	27.13.090
3+	120 mm	Left	27.13.120





PLUS
ORTHOPAEDICS



 **Jawa**
CUSTOM TUMOR SYSTEM



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