



Products Catalog

INTEGRATED SOLUTIONS FOR COMPLEX AND TUMOR JOINT REPLACEMENT

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Version No.: 1.1



COMPANY PROFILE

Beijing Lidakang Technology Co., Ltd. (hereinafter referred to as "Lidakang"), established in 1998, is a professional company specializing in the R&D, production, and sales of joint prostheses.

Lidakang was founded by Xu Yingchen, a senior engineer dedicated to the R&D of joint prostheses in the former Central Iron & Steel Research Institute. As early as in its startup stage, Lidakang successfully developed advanced domestic joint prostheses, pioneering the R&D of such products in China. With the participation in projects under the National Torch Program and the "13th Five-Year Plan", Lidakang has won the "Provincial Scientific and Technological Progress Award", the Second Prize for "2021 Medical Device Entrepreneurship Competition", and such honorary titles as "Technology-based SMED", "Beijing Scientific Research Institution", "National Little Giant Firm", and "China Top 100 Future Medical Device Innovation Enterprises". Moreover, it has also taken part in the formulation of group standards for 3D-printed medical devices under the organization of the China Association for Medical Devices Industry (CAMDI), laying a solid foundation for Lidakang to become a national brand that values quality, scientific research, and technology.

Over 26 years, Lidakang has successfully opened up the overseas market and developed into a modern high-tech manufacturer, with such affiliates as Lidakang Institute, R&D Center, Manufacturing Center, Marketing Center, 3D Printing Center, Quality Control Department, Bidding Department, Personnel Administration Department, and Finance Department. In addition to Production Permit and Operating Permit for Class III medical devices, it has also obtained registration certificates for Class I, Class II, and Class III medical devices, such as hip, knee, shoulder, elbow, and tumor prostheses. Having passed ISO 9001:2015 and ISO 13485:2016 certification, it boasts over 100 authorized patents. The UKA prosthesis and tantalum-coated femoral stem developed by Lidakang are the first products launched in China. Joint surgical robots are under R&D now.

Adhering to the aim of "Reach High for the Benefit of Patients", Lidakang has increasingly scaled up production with ever-growing strength.

In 2015, Lidakang Institute was set up in collaboration with top experts in the orthopedic field to customize comprehensive, standardized, and systematic education and training for medical staff in the orthopedic industry and patients suffering from bone diseases, and build a professional and convenient communication platform to strengthen cooperation with clinical experts and draw upon each other's resources. Moreover, Lidakang Institute is also committed to serving orthopedic clinicians and contributing its share in improving the diagnosis and treatment of joint diseases, striving to boost the growth of the orthopedic industry in China.

On the occasion of Lidakang's 20th anniversary in 2018, Lidakang Production and R&D Base was officially put into operation in Zhaoquanying Town, Shunyi District, Beijing. With a building area of more than 8,000 m², it can achieve an annual production capacity of 100,000 joint prostheses. With the design of a production department for surgical instruments, it can meet increasing production demands with the rapid development of Lidakang in the future. In addition to the production workshop, purification and packaging workshop, testing laboratory, chemical examination laboratory, fluorescent flaw detection room, and CNAS laboratory, the base also possesses experts with abundant experience in the R&D of joint prostheses, professors dedicated to microporous materials for decades, and senior experts on nanomaterials. The young and professional talents have grown into Lidakang's greatest asset.

Over the years, Lidakang has cooperated with renowned domestic orthopedic experts and professors by virtue of its technical strength and developed multiple joint prostheses suitable for Chinese people based on advanced design concepts, accumulating a wealth of technical experience in the R&D and manufacturing of tumor prostheses. As one of the long-established joint prosthesis manufacturers in China, Lidakang has always been shouldering its social responsibility and has won extensive recognition by virtue of its excellent product quality and considerate service.



Hip Joint Prostheses

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HIP JOINT IMPLANT SYSTEM



LAC-I
Cementless Acetabular Cup



Bipolar Head



LAC-II
Cementless Acetabular Cup



LAC-III
Cementless Acetabular Cup



TAC-I Acetabular Cup



TAC-II Acetabular Cup



Trabecular Augment



Acetabular Cage



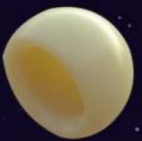
LAC-I PE Liner



Dual Mobility Cup System
CoCrMo Liner



Dual Mobility Cup System
XLPE Liner



Dual Mobility Cup System
VE Liner



Ceramic Liner



VE Liner



XLPE Liner



PE Liner



Cemented Acetabular Cup



Ceramic Head



Revision Ceramic Head



Metal Head



RSH



RML
(Ti Coating)
(127°/132°)



RML
(HA Coating)
(127°/132°)



RLH
(HA Coating)



STH-I
(Tantalum Coating)



RAH



RWH Cone



RCL



RCH



RRH



RCH Long

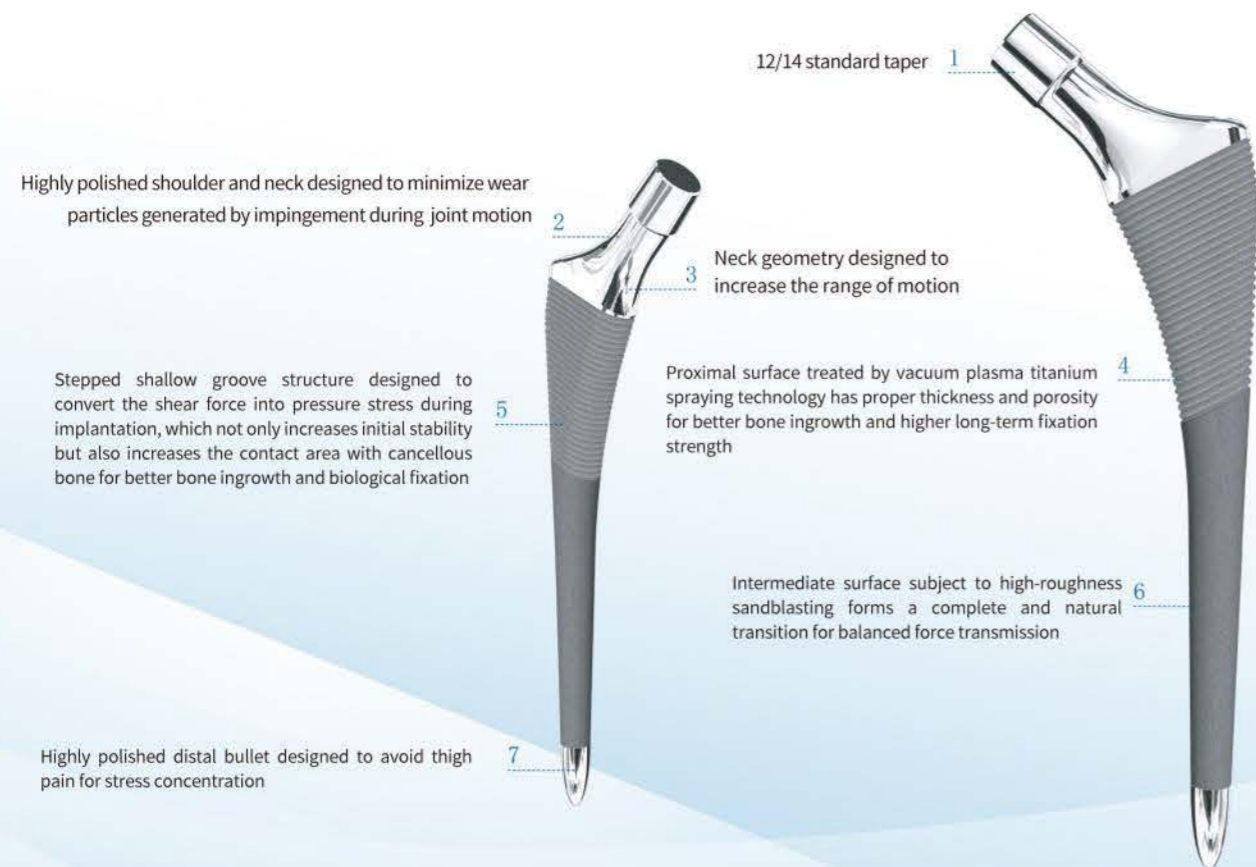


RWH



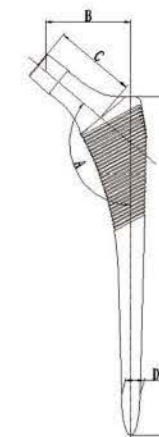
RMH Modular

RSH Cementless Femoral Stem



RSH Cementless Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Distal Dia. (D)	Stem Length (L)
S40401	1#	Product Name: RSH Cementless Femoral Stem JX T1102D	36.4	35	7	141
S40402	2#		38.8	37	8	147
S40403	3#	Material: Ti6Al4V Surface: Ti Coating	38.8	37	9	152
S40404	4#		40.8	39	10	157
S40405	5#		40.8	39	11	162
S40406	6#		42.8	41	12	168
S40407	7#		42.8	41	13	174



RML Cementless Femoral Stem



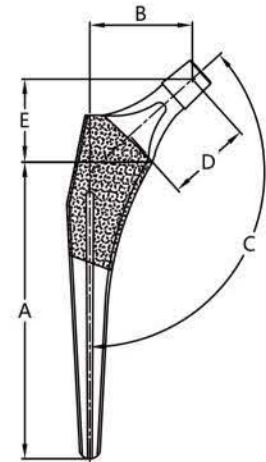
- ▶ Tapered Wedge design provides firm mediolateral stability within the femoral canal.
- ▶ Both 127° and 132° of Neck Shaft Angle are available.
- ▶ 24 sizes full length stem available in full profile and reduced distal options.
- ▶ Polished Anterior-Posterior Neck Flats increase ROM by geometrically reducing the potential for impingement of the neck with the cup.
- ▶ Flat Tapered Wedge Geometry Enhances proximal offloading and bone preservation and provides for rotational stability.
- ▶ Reduced Distal Transition Enhances implant fit in femoral canals with a proximal distal mismatch.

RML Cementless Femoral Stem (132°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (D)	Stem Length (A)	Neck Height (E)	Distal Dia.
A4112-01	1#	Product Name: RML Cementless Femoral Stem JX F1106D	36	31	110	30	5
A4112-02	2#		37	31	115	30	7.5
A4112-09	2.5#		38	31	118	30	9
A4112-03	3#		42	36	120	33	10
A4112-10	3.5#		42	36	124	33	11
A4112-04	4#		43	36	125	34	12.5
A4112-11	4.5#		44	36	129	34	13.5
A4112-05	5#		Material: Ti6Al4V Surface: Ti Coating	45	38	130	35
A4112-12	5.5#	46		38	133	35	16.5
A4112-06	6#	47		38	135	35	17.5
A4112-07	7#	50		41	140	37	20
A4112-08	8#	51		41	145	37	22.5

RML Cementless Femoral Stem (127°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (D)	Stem Length (A)	Neck Height (E)	Distal Dia.
A4113-01	1#	Product Name: RML Cementless Femoral Stem JX F1106B	39	31	110	27	5
A4113-02	2#		40	31	115	27	7.5
A4113-09	2.5#		41	31	118	27	9
A4113-03	3#		45	36	120	30	10
A4113-10	3.5#		46	36	124	30	11
A4113-04	4#		47	36	125	30	12.5
A4113-11	4.5#		48	36	129	30	13.5
A4113-05	5#		Material: Ti6Al4V Surface: Ti Coating	50	38	130	31
A4113-12	5.5#	50		38	133	31	16.5
A4113-06	6#	51		38	135	31	17.5
A4113-07	7#	54		41	140	33	20
A4113-08	8#	56		41	145	33	22.5



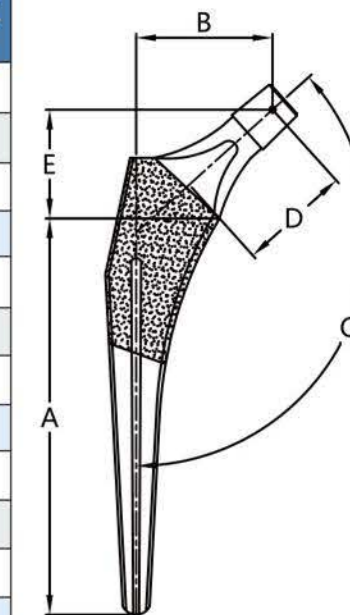
RML Cementless Femoral Stem



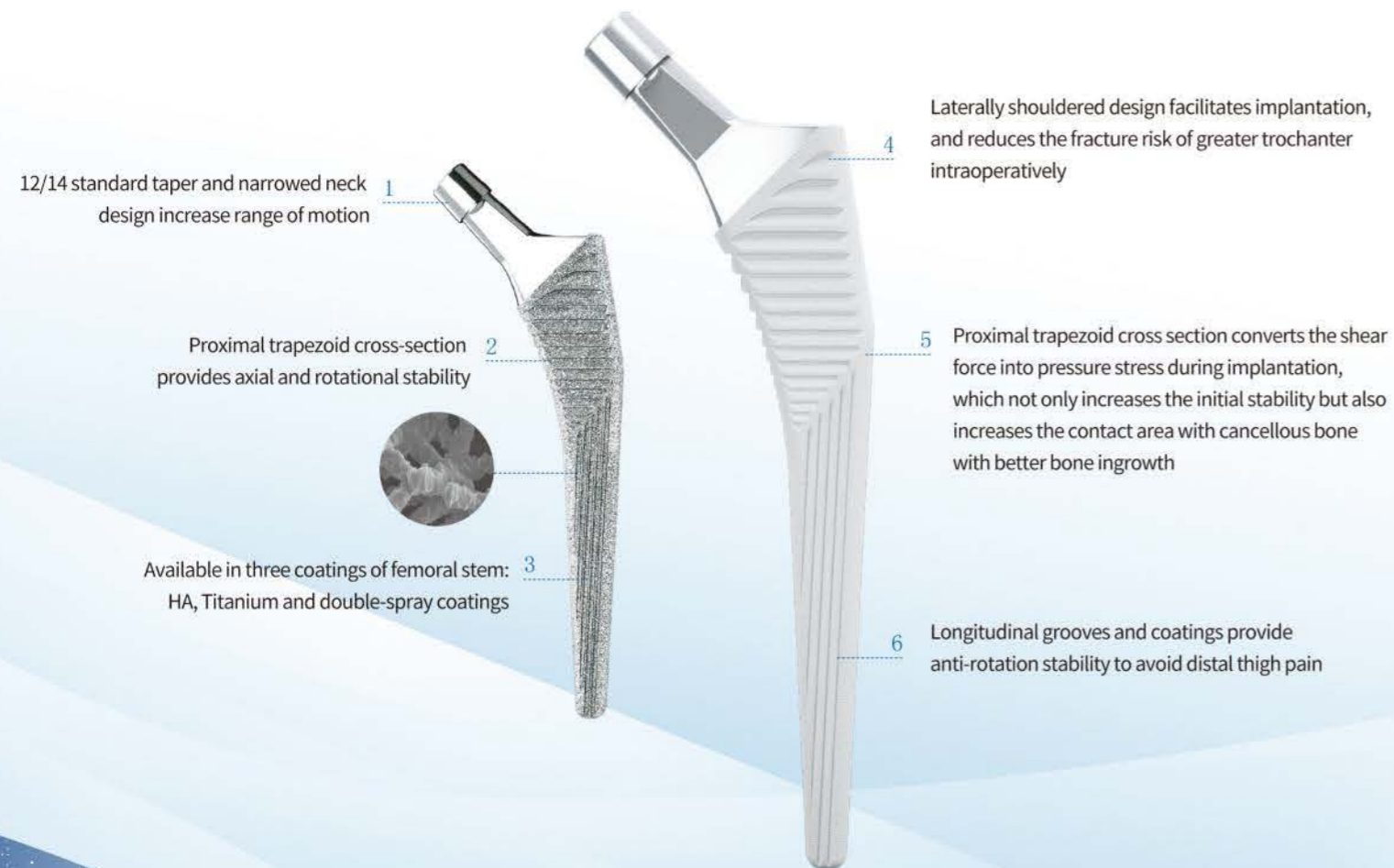
- Proximal Coating: Titanium Plasma Spray + HA Coating.
- Tapered Wedge design provides firm mediolateral stability within the femoral canal.
- Both 127° and 132° of Neck Shaft Angle are available.
- 24 sizes full length stem available in full profile and reduced distal options.
- Polished Anterior-Posterior Neck Flats increase ROM by geometrically reducing the potential for impingement of the neck with the cup.
- Flat Tapered Wedge Geometry Enhances proximal offloading and bone preservation and provides for rotational stability.
- Reduced Distal Transition Enhances implant fit in femoral canals with a proximal distal mismatch.

RML Cementless Femoral Stem (132°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (D)	Stem Length (A)	Neck Height (E)	Distal Dia.
A4114-01	1#	Product Name: RML Cementless Femoral Stem JX F1106F	36	31	110	30	5
A4114-02	2#		37	31	115	30	7.5
A4114-09	2.5#		38	31	118	30	9
A4114-03	3#		42	36	120	33	10
A4114-10	3.5#		42	36	124	33	11
A4114-04	4#		43	36	125	34	12.5
A4114-11	4.5#		44	36	129	34	13.5
A4114-05	5#		45	38	130	35	15
A4114-12	5.5#		46	38	133	35	16.5
A4114-06	6#		47	38	135	35	17.5
A4114-07	7#		50	41	140	37	20
A4114-08	8#		51	41	145	37	22.5

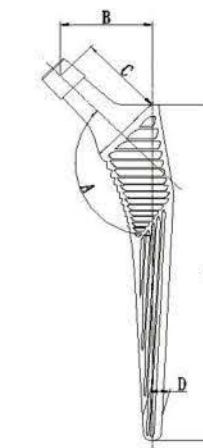


RLH Cementless Femoral Stem



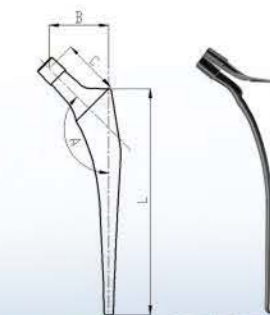
RLH Cementless Femoral Stem(135°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)
S41701	1#	Product Name: RLH Cementless Femoral Stem JX T1103E Material: Ti6Al4V Surface: HA Coating	32	30	120
S41702	2#		34.5	33	130
S41703	3#		37	35	140
S41704	4#		37.5	35	145
S41705	5#		38.5	35	150
S41706	6#		41	37.5	155
S41707	7#		41.5	37.5	160
S41708	8#		42	37.5	165
S41709	9#		43	37.5	170
A4109D01	1#	Product Name: RLH Cementless Femoral Stem JX T1103D Material: Ti6Al4V Surface: Ti Coating	32	30	120
A4109D02	2#		34.5	33	130
A4109D03	3#		37	35	140
A4109D04	4#		37.5	35	145
A4109D05	5#		38.5	35	150
A4109D06	6#		41	37.5	155
A4109D07	7#		41.5	37.5	160
A4109D08	8#		42	37.5	165
A4109D09	9#		43	37.5	170



RCL Cemented Femoral Stem(135°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)
A425101	1#	Product Name: RCL Cemented Femoral Stem JX 1404H Material: CoCrMo Surface: High Polished	32	30	115
A425102	2#		34.5	33	130
A425103	3#		37	35	140
A425104	4#		37.5	35	145
A425105	5#		38.5	35	150
A425106	6#		41	37.5	155
A425107	7#		41.5	37.5	160
A425108	8#		42	37.5	165
A425109	9#		43	37.5	170



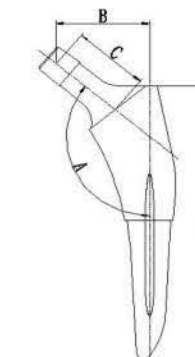
STH-I Cementless Femoral Stem



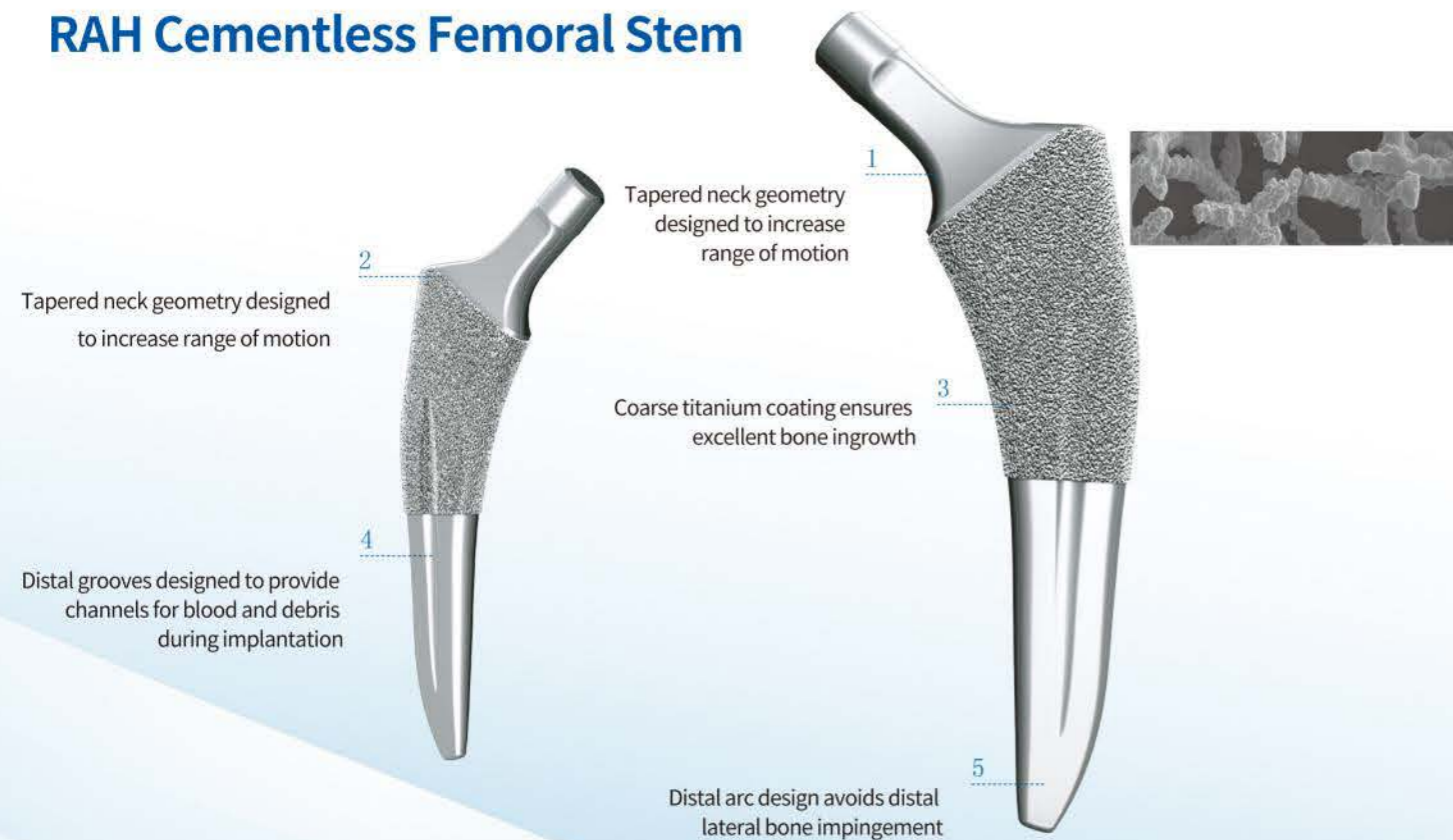
- ▶ Patented tantalum-coated spraying technology pioneered in China fills the gap in the application of new surface-active bacteriostatic bio-coating materials in the orthopedic field in China.
- ▶ Ensure stable, safe and reliable fixation to provide good initial stability.
- ▶ Tantalum with excellent corrosion resistance and biocompatibility provides excellent long-term stability.
- ▶ Narrowed lateral shoulder protects the greater trochanter, allowing for minimally invasive surgery and more bone preserving, creating infinite possibilities for the future of young patients.

STH-I Cementless Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)	Distal Dia.
411001	1#	Product Name: STH- I Cementless Femoral Stem JX 111 Material: Ti6Al4V Surface: Tantalum Coating	35	29	119	8
411002	2#		36	29	120	9
411003	3#		37	31	120	10
411004	4#		37	31	122	11
411005	5#		39	32	124	12.2
411006	6#		39	32	126	13.5
411007	7#		41	34	128	14.8
411008	8#		41	34	130	15.2
411009	9#		43	36	132	16.2

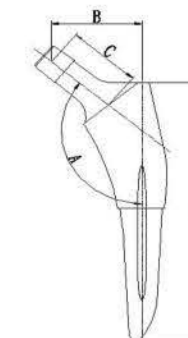


RAH Cementless Femoral Stem



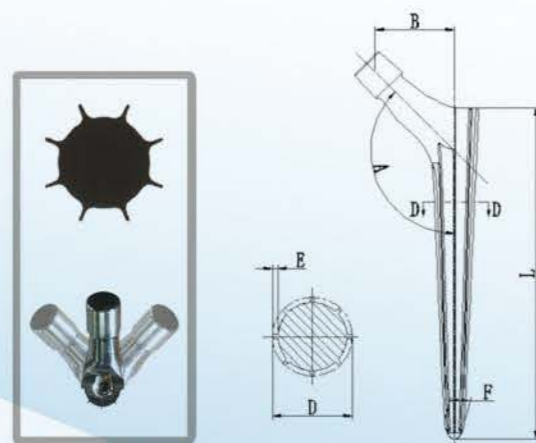
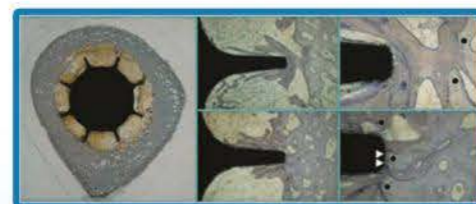
RAH Cementless Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)	Distal Dia.
S40401	1#	Product Name: RAH Cementless Femoral Stem JX F1104D Material: Ti6Al4V Surface: Ti Coating	35	29	119	8
S41402	2#		36	29	120	9
S41403	3#		37	31	120	10
S41404	4#		37	31	122	11
S41405	5#		39	32	124	12.2
S41406	6#		39	32	126	13.5
S41407	7#		41	34	128	14.8
S41408	8#		41	34	130	15.2
S41409	9#		43	36	132	16.2



- New metaphyseal fixation principle utilized to maximize bone preserving on a stable, safe and long-term basis, creating infinite possibilities for the future of young patients.
- Narrowed anterior-posterior neck dimensions preserve bone supply and provide excellent anti-rotation stability.
- Available in various prosthesis models/sizes at the same intervals, allowing for better matching of the femoral marrow cavity and the reconstruction of limb length.

RWH Cone Cementless Femoral Stem



- Eight longitudinal ridges effectively anchor the bone cortex, increase the body surface area, and provide better stability of the prosthesis and better rotational and axial stability.
- Conical body enables convenient adjustment of anteversion.
- The 5° taper facilitates implantation of the prosthesis in extremely narrow medullary canal and effectively prevents subsidence.
- Conical geometry provides better fixation effect and reduces the chance of thigh pain.

RWH Cone Cementless Femoral Stem (135°)

Cat. No.	Specification	Product Description	Offset (B)	Stem Length (L)	Proximal Dia. (D)	Distal Dia. (F)	Rib Height (E)
A4111A01	1#	Product Name: RWH Cone Cementless Femoral Stem JX F1105A Material: Ti6Al4V Surface: Ti Coating	26.2	120	13	6.5	1.0
A4111A02	2#		29.7	125	14	6.7	1.0
A4111A03	3#		30.4	126	15	7.7	1.0
A4111A04	4#		31.1		16	9	1.5
A4111A05	5#		31.8		17	10	1.5
A4111A06	6#		32.5		18	11	1.5
A4111A07	7#		33.2	127	19	12	2.0
A4111A08	8#		33.9		20	13	2.0
A4111A09	9#		34.7		21	14	2.0
A4111A10	10#		35.4		22	15	2.0

RCH Cemented Femoral Stem



Available in standard and long femoral stems for primary and revision surgery

Neck geometry to increase the range of motion

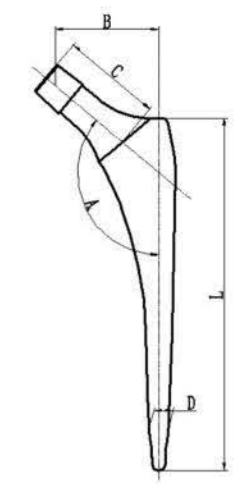
Collarless and three-dimensional conical design increases compaction with pressure during subsidence, causing self-locking

Highly-polished surface greatly reduces the wear between the prosthesis and the cement mantle

Receptacle design of the distal centralizer not only ensures centralization of the prosthesis but also allows for a certain space for subsidence

RCH Cemented Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)	Distal Dia.
SC40505	1#	Product Name: RCH Cemented Femoral Stem	36.4	35	120	7
SC40506	2#		38.4	37	125	7
SC40507	3#	JX 1401H	38.4	37	130	7.5
SC40508	4#	Material: CoCrMo Surface: High Polished	40.5	39	140	8
SC40509	5#		40.5	39	145	8.5
SC40510	6#		42.4	41	150	9
SC40511	7#		42.4	41	155	10



RCH Long Cemented Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)	Distal Dia.
SC40507L	3#	Product Name: RCH Long Cemented Femoral Stem	38.4	37	180	8
SC40508L	4#		40.5	39	190	8
SC40509L	5#	JX 1403H	40.5	39	200	8.5
SC40510L	6#	Material: CoCrMo Surface: High Polished	42.4	41	210	9
SC40511L	7#		42.4	41	220	9

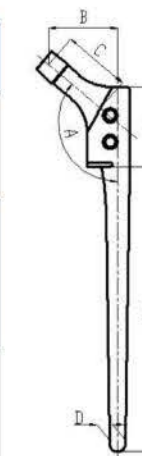
RRH Cemented Femoral Stem



- 12/14 standard taper.
- The through-hole design at the proximal end of the stem facilitates the reconstruction of greater trochanter fractures and preserves the function of the abductor muscles to the greatest extent.
- According to the condition of femoral calcar defect, choose different types of proximal prostheses.
- Combined with current bone cement application technology to provide the best fixation.

RRH Cemented Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Proximal Stem Length(L1)	Stem Length (L2)	Distal Dia.
41125-180	1#	Product Name: RRH Cemented Femoral Stem JX 1201A Material: CoCrMo Surface: High Polished	38	32.5	25	180	9
41135-160	2#		38	32.5	35	160	9
41145-160	3#		36	34.5	45	160	9



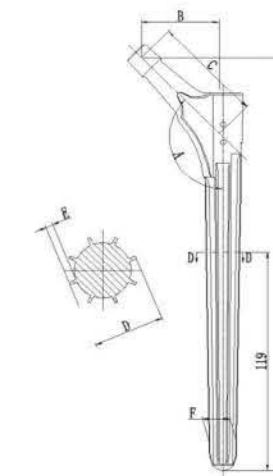
RWH Cementless Femoral Stem



- Forged titanium alloy, and monoblock conical stem.
- Designed for secure fixation by means of longitudinal ribs and 2° taper and allow for intraoperative anteversion adjustment.
- Eight longitudinal ribs provide rotational stability.
- Various implant lengths are available (190 - 265 mm).
- Simple and precise tools.
- Clinically proven design with over 20 years of clinical experience.
- The revision stem design is recommended as the first choice by the Swedish Arthroplasty Register.

RWH Cementless Femoral Stem (135°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Stem Length (L)	Dia. (D)	Distal Dia. (F)
42314-190L	1#/190	Product Name: RWH Cementless Femoral Stem JX F1103A Material: Ti6Al4V Surface: Ti Coating	42	59	190	14	10.4
42315-190L	2#/190		42	59		15	11.4
42316-190L	3#/190		42	59		16	12.4
42317-190L	4#/190		42	59		17	13.4
42318-190L	5#/190		44	62		18	14.4
42319-190L	6#/190		44	62		19	15.4
42320-190L	7#/190		44	62		20	16.4
42321-190L	8#/190		42	59		12	8.4
42322-190L	9#/190		42	59		13	9.4
42314-225L	1#/225		225	42	59	14	10.4
42315-225L	2#/225			42	59	15	11.4
42316-225L	3#/225			42	59	16	12.4
42317-225L	4#/225			42	59	17	13.4
42318-225L	5#/225			44	62	18	14.4
42319-225L	6#/225			44	62	19	15.4
42320-225L	7#/225			44	62	20	16.4
42321-225L	8#/225			44	62	21	17.4
42322-225L	9#/225			46	64	22	18.4
42314-265L	1#/265	265	42	59	14	10.4	
42315-265L	2#/265		42	59	15	11.4	
42316-265L	3#/265		42	59	16	12.4	
42317-265L	4#/265		42	59	17	13.4	
42318-265L	5#/265		44	62	18	14.4	
42319-265L	6#/265		44	62	19	15.4	
42320-265L	7#/265		44	62	20	16.4	
42321-265L	8#/265		44	62	21	17.4	
42322-265L	9#/265		46	65	22	18.4	
42323-265L	10#/265		46	65	23	19.4	



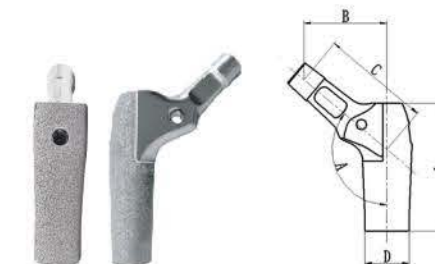
RMH Modular Femoral System

- Rough coating of proximal stem ensures long-term results.
- 3 degree tapered design to prevent subsidence.
- Eight distal longitudinal ridges increase the initial stability and anti-rotation properties.
- Straight and eccentric distal femoral stems accommodate more complex medullary canal.
- Arbitrary combination of proximal and distal stem accommodates various needs.
- Trochanteric grips for proximal stem can directly fix the trochanteric bone fragment to the prosthesis.



RMH Proximal Femoral Stem (130°)

Cat. No.	Specification	Product Description	Offset (B)	Neck Length (C)	Proximal Dia. (D)	Stem Length (L)
A4200-2050	φ20x50mm	Product Name: RMH Proximal Femoral Stem XF 1203D Material: Ti6Al4V Surface: Ti Coating	39	51	21	50
A4200-2250	φ22x50mm		41	53.5	22.5	
A4200-2060	φ20x60mm		39	51	21	60
A4200-2260	φ22x60mm		41	53.5	22.5	
A4200-2460	φ24x60mm		43	56	24.5	
A4200-2070	φ20x70mm		39	51	21	70
A4200-2270	φ22x70mm		41	53.5	22.5	
A4200-2470	φ24x70mm		43	56	24.5	
A4200-2080	φ20x80mm		39	51	21	80
A4200-2280	φ22x80mm		41	53.5	22.5	
A4200-2480	φ24x80mm	43	56	24.5		



RMH Trochanter Claw

Cat. No.	Specification	Product Description	Width (mm)
A4771-160100	L100mm	Product Name: RMH Trochanter Claw JX 6601 Material: TA2G	16
A4771-175102	L102mm		17.5



RMH Screw

Cat. No.	Specification	Product Description	Dia.	Length (mm)
A4850-6030	φ6x30	Product Name: RMH Screw JX 6301 Material: Ti6Al4V	6	30
A4850-6035	φ6x35			35
A4850-6040	φ6x40			40
A4850-6045	φ6x45			45
A4850-6050	φ6x50			50
A4850-6055	φ6x55			55
A4850-6060	φ6x60			60



RMH Locking Screw

Cat. No.	Specification	Product Description	Length (mm)
A4853-6013	φ6x13	Product Name: RMH Locking Screw JX 6401 Material: Ti6Al4V	13mm



RMH Distal Femoral Stem

Cat. No.	Specification	Product Description	Distal Dia. (E)	Stem Length (L)
A4790-12140	φ14mmx135mm	Product Name: RMH Distal Femoral Stem XF1305D Material: Ti6Al4V Surface: Ti Coating	12	140
A4790-13140	φ15mmx135mm		13	
A4790-14140	φ16mmx135mm		14	
A4790-15140	φ17mmx135mm		15	
A4790-16140	φ18mmx135mm		16	
A4790-17140	φ19mmx135mm		17	
A4790-18140	φ20mmx135mm		18	
A4790-19140	φ21mmx135mm		19	
A4790-20140	φ22mmx135mm		20	
A4790-21140	φ23mmx135mm		21	
A4790-22140	φ24mmx135mm	22		
A4790-23140	φ25mmx135mm	23		



Cat. No.	Specification	Product Description	Distal Dia. (E)	Stem Length (L)
A4790-12190	φ14mmx185mm	Product Name: RMH Distal Femoral Stem XF1305D Material: Ti6Al4V Surface: Ti Coating	12	190
A4790-13190	φ15mmx185mm		13	
A4790-14190	φ16mmx185mm		14	
A4790-15190	φ17mmx185mm		15	
A4790-16190	φ18mmx185mm		16	
A4790-17190	φ19mmx185mm		17	
A4790-18190	φ20mmx185mm		18	
A4790-19190	φ21mmx185mm		19	
A4790-20190	φ22mmx185mm		20	
A4790-21190	φ23mmx185mm		21	
A4790-22190	φ24mmx185mm	22		
A4790-23190	φ25mmx185mm	23		



Cat. No.	Specification	Product Description	Distal Dia. (E)	Stem Length (L)
A4790-12250	φ14mmx245mm	Product Name: RMH Distal Femoral Stem XF1305D Material: Ti6Al4V Surface: Ti Coating	12	250
A4790-13250	φ15mmx245mm		13	
A4790-14250	φ16mmx245mm		14	
A4790-15250	φ17mmx245mm		15	
A4790-16250	φ18mmx245mm		16	
A4790-17250	φ19mmx245mm		17	
A4790-18250	φ20mmx245mm		18	
A4790-19250	φ21mmx245mm		19	
A4790-20250	φ22mmx245mm		20	
A4790-21250	φ23mmx245mm		21	
A4790-22250	φ24mmx245mm	22		
A4790-23250	φ25mmx245mm	23		



Titanium Cable

JX 6901

- Diameter 1.7 mm - suitable for periprosthetic fracture
- Diameter 1.2 mm - suitable for trauma surgery
- Length: 500 mm



Screw

Cat. No.	Specification	Product Description	Length (mm)
A4851-5515	φ5.5X15	Product Name: Screw JX 5301 Material: Ti6Al4V	15
A4851-5520	φ5.5X20		20
A4851-5525	φ5.5X25		25
A4851-5530	φ5.5X30		30
A4851-5535	φ5.5X35		35
A4851-5540	φ5.5X40		40
A4851-5545	φ5.5X45		45
A4851-5550	φ5.5X50		50
A4851-5555	φ5.5X55		55
A4851-5560	φ5.5X60		60



Acetabular System



LAC- I Cementless Acetabular Cup

Cat. No.	Specification	Product Description	Matched Liner Size (LAC- I PE Liner)	Matched Head Dia.
C2044B	44#	Product Name: LAC-I Cementless Acetabular Cup JX 2102D Material: TA2G Surface: Ti Coating Matched Liner: LAC- I PE Liner JX 3102	44/28	28
C2046B	46#		46/28	28
C2048B	48#		48/28	28
C2050B	50#		50/28	28
C2052B	52#		52/28, 52/32	28/32
C2054B	54#		54/28, 54/32	28/32
C2056B	56#		56/28, 56/32	28/32
C2058B	58#		58/28, 58/32	28/32
C2060B	60#		60/28, 60/32	28/32
C2062B	62#		62/28, 62/32	28/32
C2064B	64#	64/28, 64/32	28/32	

LAC- I PE Liner

Cat. No.	Specification	Product Description	Matched Cup Size (LAC- I Cementless Acetabular Cup)	Matched Head Dia.
C3044BF	44/28	Product Name: LAC-I PE Liner JX 3102 Material: UHMWPE (Ultrahigh molecular weight polyethylene) Matched Cup: LAC- I Cementless Acetabular Cup JX2102D	44#	28
C3046BF	46/28		46#	28
C3048BF	48/28		48#	28
C3050BF	50/28		50#	28
C3052BF	52/28		52#	28
C3054BF	54/28		54#	28
C3056BF	56/28		56#	28
C3058BF	58/28		58#	28
C3060BF	60/28		60#	28
C3062BF	62/28		62#	28
C3064BF	64/28	64#	28	
A4566-5232	52/32	52#	32	
A4566-5432	54/32	54#	32	
A4566-5632	56/32	56#	32	
A4566-5832	58/32	58#	32	
A4566-6032	60/32	60#	32	
A4566-6232	62/32	62#	32	
A4566-6432	64/32	64#	32	



LAC-II Cementless Acetabular Cup

Cat. No.	Specification	Product Description	Matched Liner Size (LAC- II PE Liner)	Matched Liner Size (XLPE Liner/VE Liner)	Matched Liner Size (Ceramic Liner)	Matched Head Dia.
A4207D38	38#	Product Name: LAC-II Cementless Acetabular Cup JX 2601D Material: TA2G Surface: Ti Coating Matched Liner: LAC- II PE Liner JX 3801, XLPE Liner JX 31101, VE Liner JX 321, Ceramic Liner JX 63001	38/22	-	-	22
A4207D40	40#		40/22	-	-	22
A4207D42	42#		42/22	-	-	22
A4207D44	44#		44/28	44/28	28/36	28
A4207D46	46#		46/28	46/28	28/38	28
A4207D48	48#		48/28	48/32	32/40	28/32
A4207D50	50#		50/32	50/32	32/42	32
A4207D52	52#		52/32	52/36	36/44	32/36
A4207D54	54#		54/32	54/36	36/46	
A4207D56	56#		56/32	56/36	36/48	
A4207D58	58#	58/32	58/36	36/50		
A4207D60	60#	60/32	60/36	36/52		
A4207D62	62#	62/32	62/36	36/54		
A4207D64	64#	62/32	62/36	36/54		
A4207D66	66#	62/32	62/36	36/54		

LAC-III Cementless Acetabular Cup

Cat. No.	Specification	Product Description	Matched Liner Size (LAC- II PE Liner)	Matched Liner Size (XLPE Liner/VE Liner)	Matched Liner Size (Ceramic Liner)	Matched Head Dia.
A4560-48	48#	Product Name: LAC- III Cementless Acetabular Cup JX 2801B Material: TA2G Surface: Ti Coating Matched Liner: LAC- II PE Liner JX 3801, XLPE Liner JX 31101, VE Liner JX 321, Ceramic Liner JX 63001	48/28	48/32	32/40	28/32
A4560-50	50#		50/32	50/32	32/42	32
A4560-52	52#		52/32	52/36	36/44	32/36
A4560-54	54#		54/32	54/36	36/46	
A4560-56	56#		56/32	56/36	36/48	
A4560-58	58#		58/32	58/36	36/50	
A4560-60	60#		60/32	60/36	36/52	
A4560-62	62#		62/32	62/36	36/54	
A4560-64	64#		62/32	62/36	36/54	
A4560-66	66#		62/32	62/36	36/54	
A4560-68	68#	62/32	62/36	36/54		
A4560-70	70#	62/32	62/36	36/54		
A4560-72	72#	62/32	62/36	36/54		
A4560-74	74#	62/32	62/36	36/54		



TAC- I Acetabular Cup



Cat. No.	Specification	Product Description	Matched Liner Size (LAC-II PE Liner)	Matched Liner Size (XLPE Liner/VE Liner)	Matched Liner Size (Ceramic Liner)	Matched Head Dia.
A4556-38	38#	Product Name: TAC- I Acetabular Cup	38/22	-	-	22
A4556-40	40#		40/22	-	-	22
A4556-42	42#	JX 219	42/22	-	-	22
A4556-44	44#		44/28	44/28	28/36	28
A4556-46	46#	Material: Ti6Al4V	46/28	46/28	28/38	28
A4556-48	48#		48/28	48/32	32/40	28/32
A4556-50	50#	3D Printed Metal Bone Trabecular	50/32	50/32	32/42	32
A4556-52	52#		52/32	52/36	36/44	32/36
A4556-54	54#	Aperture: 600-1000 μm Porosity: 60% -90%	54/32	54/36	36/46	
A4556-56	56#		56/32	56/36	36/48	
A4556-58	58#	Matched Liner:	58/32	58/36	36/50	
A4556-60	60#		LAC- II PE Liner JX 3801,	60/32	60/36	
A4556-62	62#	XLPE Liner JX 31101,	62/32	62/36	36/54	
A4556-64	64#	VE Liner JX 321,	62/32	62/36	36/54	
A4556-66	66#	Ceramic Liner JX 63001	62/32	62/36	36/54	

LAC-II PE Liner

Cat. No.	Specification	Product Description	Matched Cup Size	Matched Head Dia.
A4555-3822	38/22	Product Name: LAC- II PE Liner JX 3801	38#	22
A4555-4022	40/22		40#	
A4555-4222	42/22		42#	
A4555-4428	44/28		44#	
A4555-4628	46/28	Material: UHMWPE (Ultrahigh molecular weight polyethylene)	46#	28
A4555-4828	48/28		48#	
A4555-5032	50/32		50#	
A4555-5232	52/32		52#	
A4555-5432	54/32	Matched Cup: LAC- II Cementless Acetabular Cup JX 2601D, LAC- III Cementless Acetabular Cup JX 2801B, TAC- I Acetabular Cup JX 219, TAC- II Acetabular Cup JX 217	54#	32
A4555-5632	56/32		56#	
A4555-5832	58/32		58#	
A4555-6032	60/32		60#	
A4555-6232	62/32		62#~74#	



TAC- II Acetabular Cup



Cat. No.	Specification	Product Description	Matched Liner Size (LAC-II PE Liner)	Matched Liner Size (XLPE Liner/VE Liner)	Matched Liner Size (Ceramic Liner)	Matched Head Dia.
A4663-48	48#	Product Name: TAC- II Acetabular Cup	48/28	48/32	32/40	28/32
A4663-50	50#		50/32	50/32	32/42	32
A4663-52	52#	JX 217	52/32	52/36	36/44	32/36
A4663-54	54#		54/32	54/36	36/46	
A4663-56	56#	Material: Ti6Al4V	56/32	56/36	36/48	
A4663-58	58#		58/32	58/36	36/50	
A4663-60	60#	3D Printed Metal Bone Trabecular	60/32	60/36	36/52	
A4663-62	62#		62/32	62/36	36/54	
A4663-64	64#	Aperture: 600-1000 μm Porosity: 60% -90%	62/32	62/36	36/54	
A4663-66	66#		62/32	62/36	36/54	
A4663-68	68#	Matched Liner:	62/32	62/36	36/54	
A4663-70	70#		LAC- II PE Liner JX 3801,	62/32	62/36	
A4663-72	72#	XLPE Liner JX 31101,	62/32	62/36	36/54	
A4663-74	74#	VE Liner JX 321,	62/32	62/36	36/54	
		Ceramic Liner- JX 63001	62/32	62/36	36/54	

XLPE Liner

Cat. No.	Specification	Product Description	Matched Cup Size	Matched Head Dia.
A4558-4428	44/28	Product Name: XLPE Liner JX 31101	44#	28
A4558-4628	46/28		46#	
A4558-4832	48/32		48#	
A4558-5032	50/32	Material: XLPE (High Cross Linked Polyethylene)	50#	32
A4558-5236	52/36		52#	
A4558-5436	54/36		54#	
A4558-5636	56/36		56#	
A4558-5836	58/36	Matched Cup: LAC- II Cementless Acetabular Cup JX 2601D, LAC- III Cementless Acetabular Cup JX 2801B, TAC- I Acetabular Cup JX 219, TAC- II Acetabular Cup JX 217	58#	36
A4558-6036	60/36		60#	
A4558-6236	62/36		62#~74#	



VE Liner

Cat. No.	Specification	Product Description	Matched Cup	Thickness (mm)
A4665-4428	44/28	Product Name: VE Liner JX 321	44#	28
A4665-4628	46/28		46#	
A4665-4832	48/32		Material: VE-XLPE Matched Cup: LAC- II Cementless Acetabular Cup JX 2601D, LAC- III Cementless Acetabular Cup JX 2801B, TAC- I Acetabular Cup JX 219, TAC- II Acetabular Cup JX 217	48#
A4665-5032	50/32	50#		
A4665-5236	52/36	52#		36
A4665-5436	54/36	54#		
A4665-5636	56/36	56#		
A4665-5836	58/36	58#		
A4665-6036	60/36	60#		
A4665-6236	62/36	62#-74#		



Trabecular Acetabular Cup



Trabecular Augment



Cat. No.	Product Description	Matched Cup Size	Thickness (mm)
A4660-5052-15	Product Name: Trabecular Augment JX 214	50#	15mm
A4660-5052-25		52#	25mm
A4660-5456-15		54#	15mm
A4660-5456-25	Material: Ti6Al4V 3D Printed Metal Bone Trabecular	56#	25mm
A4660-5860-15		58#	15mm
A4660-5860-25		60#	25mm
A4660-6264-15		62# ~ 74#	15mm
A4660-6264-25			25mm

- A one-piece construct, created by cementing the liner into the shell, eliminates concerns about backside wear. The low modulus of elasticity of the Trabecular Metal material can produce more normal physiological loading and reduce stress shielding.
- New irregular and cancelous-bone-mimicking porous structure ensures better bone ingrowth.

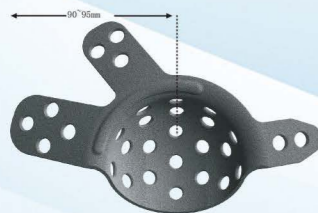
- **Aperture:** 600 - 1,000 μm
- **Porosity:** 60% - 90%

Cemented Acetabular Cup



Cat. No.	Specification	Product Description	Inner Dia. (mm)
C6040	40/28	Product Name: Cemented Acetabular Cup JX 21201 Material: UHMWPE (Ultrahigh molecular weight polyethylene)	28
C6042	42/28		28
C6044	44/28		28
C6046	46/28		28
C6048	48/28		28
C6050	50/28		28
C6052	52/28		28
C6054	54/28		28
C6056	56/28		28
C6058	58/28		28

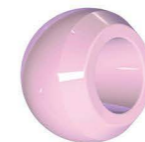
Acetabular Cage



Cat. No.	Specification	Product Description	O.D. (mm)
SH4052L	52mmL	Product Name: Acetabular Cage JX 2901A Material: Ti6Al4V	φ52
SH4054L	54mmL		φ54
SH4056L	56mmL		φ56
SH4058L	58mmL		φ58
SH4060L	60mmL		φ60
SH4062L	62mmL		φ62
SH4052R	52mmR		φ52
SH4054R	54mmR		φ54
SH4056R	56mmR		φ56
SH4058R	58mmR		φ58
SH4060R	60mmR	φ60	
SH4062R	62mmR	φ62	

Ceramic Products

- ▶ The Ceramic Heads have been tested to assess the mechanical properties when compared to the BIOLOX® Delta Ceramic Femoral Heads. The wear performance was tested using femoral heads of the same size for each material in a hip simulator with the same loading and using the same size and design of acetabular shell and polyethylene liner.
- ▶ Lower volumetric wear.
- ▶ Available in large-diameter ceramic heads (28 mm, 32 mm and 36 mm) to enhance the range of motion and reduce the risk of dislocation.



Ceramic Head

JX 40102

Cat. No.	Specification	Diameter
H10028S	28S	28
H10028M	28M	
H10028L	28L	
H10032S	32S	32
H10032M	32M	
H10032L	32L	
H10032XL	32XL	
H10036S	36S	36
H10036M	36M	
H10036L	36L	
H10036XL	36XL	

Revision Ceramic Head

JX 50001

Cat. No.	Specification
A4500-28	28
A4500-32	32
A4500-36	36

Sleeve

JX 50101

Cat. No.	Specification
A4501-S	S
A4501-M	M
A4501-L	L
A4501-XL	XL

Ceramic Liner

JX 63001

Cat. No.	Specification	Inner Diameter
A4630-4428	28/36	28
A4630-4628	28/38	28
A4630-4832	32/40	32
A4630-5032	32/42	32
A4630-5236	36/44	36
A4630-5436	36/46	36
A4630-5636	36/48	36
A4630-5836	36/50	36
A4630-6036	36/52	36
A4630-6236	36/54	36



Unique locking mechanism
Safe, stable and reliable
Convenient intraoperative installation



Cobalt-chromium-molybdenum alloy-made shell
Super-mirror-polished surface
Minimized wear

Metal Head

Cat. No.	Specification	Product Description	Diameter
NH1022S	22S	Product Name: Metal Head JX 4301 Material: CoCrMo	22
NH1022M	22M		22
NH1022L	22L		22
NH1028S	28S		28
NH1028M	28M		28
NH1028L	28L		28
NH1028XL	28XL		28
NH1028XXL	28XXL		28
NH1032S	32S		32
NH1032M	32M		32
NH1032L	32L		32
NH1032XL	32XL		32
NH1032XXL	32XXL		32
NH1036S	36S		36
NH1036M	36M		36
NH1036L	36L		36
NH1036XL	36XL	36	

Bipolar Head

Cat. No.	Specification	Product Description	Outer Diameter	Matched Head Dia.
H3038B	38/22	Product Name: Bipolar Head JX 4701 Material: CoCrMo+UHMW PE	38	22
H3040B	40/22		40	22
H3042B	42/22		42	22
H3044B	44/22		44	22
H3046B	46/22		46	22
H3048B	48/28		48	28
H3050B	50/28		50	28
H3052B	52/28		52	28
H3054B	54/28		54	28
H3056B	56/28		56	28
H3058B	58/28	58	28	

Dual Mobility Cup System

Natural movement Design

A moderately cross-linked acetabular liner that articulates within the inner surface of the shell to create natural movement.

Optimized Range of Motion

The dynamic mechanism allows the activation of articulation with a natural, single, smooth movement and enhanced range of motion.



Low Wear Rate

Significantly reduce wear with a surface contact between highly polished inner surface of the shell and smooth outer surface of the liner.

Enhance Stability

Enhance stability with implantation of screws into the shell to avoid loosening of the early fixation.

Low Risk of Dislocation

By creating a larger jump distance with a larger femoral head diameter, the system offers greater stability of the hip, helping to reduce the risk of dislocation.

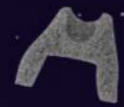
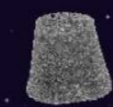
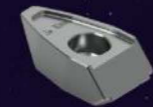
Acetabular Cup	LAC-II Cementless Acetabular Cup	46#	48#	50#	52#	54#	56#	58#	60#	62#~74#
	LAC-III Cementless Acetabular Cup									
	TAC- I Acetabular Cup									
	TAC-II Acetabular Cup									
Liner	CoCrMo Liner	46/38	48/40	50/42	52/44	54/46	56/48	58/50	60/52	62/54
	XLPE Liner	38/22	40/22	42/22	44/28	46/28	48/28	50/28	52/28	54/28
	VE Liner									
Femoral Head	Ceramic Head	22			28					
	Metal Head	22			28					

KNEE JOINT IMPLANT SYSTEM

X4



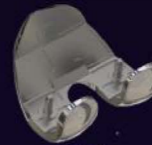
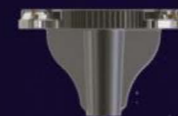
XCCK



X5



PS



CR



XU-Uni



XU-Uni Knee System



- Posterior hook provides an anatomic reference point to ensure precise sizing.
- Multi-radius curve of the femoral condyle provides patients with a better fit.
- Extended posterior condyle safely accommodates high flexion.
- Inward arc design avoids prepatellar pain.
- Low-constrained articular surface less restricts knee motion, allowing freer knee motion.
- Three fixation screws placed below the tibial tray add stability, allowing resections to be made without removing screws. Precise, efficient instrumentation.
- Addresses differing patient anatomies with more specifications available.



XU-Uni Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5101-01LM	1#LM/RL	Product Name: XU-Uni Femoral Condyle DK01	17.8	42
A5101-02LM	2#LM/RL		19	44.5
A5101-03LM	3#LM/RL		20	46.5
A5101-04LM	4#LM/RL		21	50
A5101-05LM	5#LM/RL		21.6	53.5
A5101-01RM	1#RM/LL	Left-right (L/R) Material: CoCrMo	17.8	42
A5101-02RM	2#RM/LL		19	44.5
A5101-03RM	3#RM/LL		20	46.5
A5101-04RM	4#RM/LL		21	50
A5101-05RM	5#RM/LL		21.6	53.5



XU-Uni Tibial Tray

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5201-S1LM	S1#LM/RL	Product Name: XU-Uni Tibial Tray DT01	23	41
A5201-01LM	1#LM/RL		25	44
A5201-02LM	2#LM/RL		27	47
A5201-03LM	3#LM/RL		29	50
A5201-04LM	4#LM/RL		31	53
A5201-05LM	5#LM/RL	Left-right (L/R) Material: CoCrMo	33	56
A5201-S1RM	S1#RM/LL		23	41
A5201-01RM	1#RM/LL		25	44
A5201-02RM	2#RM/LL		27	47
A5201-03RM	3#RM/LL		29	50
A5201-04RM	4#RM/LL		31	53
A5201-05RM	5#RM/LL		33	56



XU-Uni Tibial Insert

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)	Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5301-S108	S1#-8mm	Product Name: XU-Uni Tibial Insert DD01 Material: UHMWPE	22	35	A5301-0308	3#-8mm	Product Name: XU-Uni Tibial Insert DD01 Material: UHMWPE	28	44
A5301-S109	S1#-9mm				A5301-0309	3#-9mm			
A5301-S110	S1#-10mm				A5301-0310	3#-10mm			
A5301-S111	S1#-11mm				A5301-0311	3#-11mm			
A5301-S112	S1#-12mm				A5301-0312	3#-12mm			
A5301-S114	S1#-14mm				A5301-0314	3#-14mm			
A5301-0108	1#-8mm				A5301-0408	4#-8mm			
A5301-0109	1#-9mm	A5301-0409	4#-9mm						
A5301-0110	1#-10mm	A5301-0410	4#-10mm						
A5301-0111	1#-11mm	A5301-0411	4#-11mm						
A5301-0112	1#-12mm	A5301-0412	4#-12mm						
A5301-0114	1#-14mm	A5301-0414	4#-14mm						
A5301-0208	2#-8mm	A5301-0508	5#-8mm						
A5301-0209	2#-9mm	A5301-0509	5#-9mm						
A5301-0210	2#-10mm	A5301-0510	5#-10mm						
A5301-0211	2#-11mm	A5301-0511	5#-11mm						
A5301-0212	2#-12mm	A5301-0512	5#-12mm						
A5301-0214	2#-14mm	A5301-0514	5#-14mm						

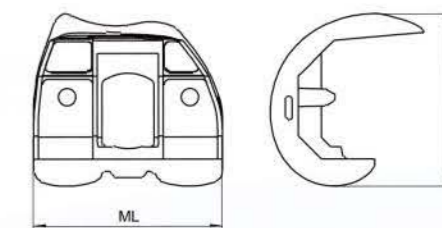
X3 Total Knee System



- X3 fix bearing knee system is to provide sufficient articular surface and rotational freedom to accommodate deep knee flexion up to 145 degree.
- 12 Femoral sizes and 13 tibial sizes provide the best fitting combination; Ingenuity curvature design makes sure that any sizes of femoral condyle and tibial insert matches with each other.
- Deep and extended patella groove improves the patella trackability.
- Locking-clip mechanism gives loosening zero chance.

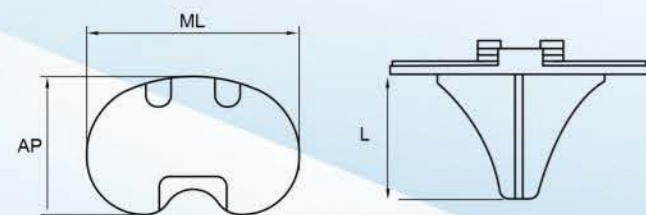
X3 PS Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5113-S1L	S1#L	Product Name: X3 PS Femoral Condyle RYA213	50	45
A5113-S2L	S2#L		53	49
A5113-01L	1#L		56	52
A5113-015L	1.5#L		59	54
A5113-02L	2#L		62	57
A5113-025L	2.5#L		64	59
A5113-03L	3#L		67	61
A5113-035L	3.5#L		69	64
A5113-04L	4#L		72	66
A5113-05L	5#L		74	68
A5113-06L	6#L		79	72
A5113-07L	7#L		84	76
A5113-S1R	S1#R		Left-right(L/R)	50
A5113-S2R	S2#R	Material: CoCrMo	53	49
A5113-01R	1#R		56	52
A5113-015R	1.5#R		59	54
A5113-02R	2#R		62	57
A5113-025R	2.5#R		64	59
A5113-03R	3#R		67	61
A5113-035R	3.5#R		69	64
A5113-04R	4#R		72	66
A5113-05R	5#R		74	68
A5113-06R	6#R		79	72
A5113-07R	7#R		84	76



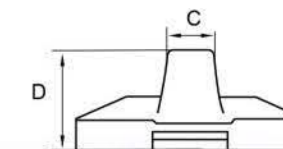
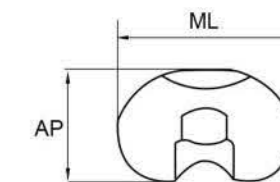
X3 Tibial Tray

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)	Height L (mm)
A5213-0S	S	Product Name: X3 Tibial Tray RY B413 Material: CoCrMo	54	36	35
A5213-0A	A		59	38	40
A5213-0B	B		63	41	40
A5213-1B	B+		65	42	40
A5213-0C	C		67	43	40
A5213-1C	C+		69	45	40
A5213-0D	D		71	46	40
A5213-1D	D+		73	47	40
A5213-0E	E		75	48	40
A5213-0F	F		79	51	40
A5213-0G	G		83	53	40
A5213-0H	H		87	56	40
A5213-0L	L		91	58	40



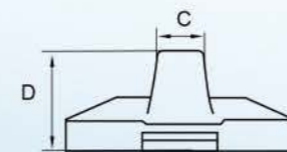
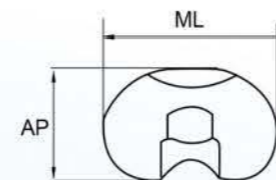
X3 PS Tibial Insert

Cat. No.	Specification	Product Description	ML×AP (mm)	Tibial Tray	Thickness (mm)	C Width (mm)	D Height (mm)
A5313-SA08	SA-8mm	Product Name: X3 PS Tibial Insert RY C413 Material: UHMWPE	54×35	S, A	6	16	26
A5313-SA10	SA-10mm				8		28
A5313-SA12	SA-12mm				10		30
A5313-SA14	SA-14mm				12		32
A5313-SA16	SA-16mm		14	34			
A5313-BC08	BC-8mm		63×40	B, B+ C, C+	6	16	26
A5313-BC10	BC-10mm				8		28
A5313-BC12	BC-12mm				10		30
A5313-BC14	BC-14mm				12		32
A5313-BC16	BC-16mm		14	34			
A5313-DE08	DE-8mm		71×45	D, D+ E	6	16	26
A5313-DE10	DE-10mm				8		28
A5313-DE12	DE-12mm				10		30
A5313-DE14	DE-14mm				12		32
A5313-DE16	DE-16mm		14	34			
A5313-FG08	FG-8mm		79×50	F, G	6	16	26
A5313-FG10	FG-10mm	8			28		
A5313-FG12	FG-12mm	10			30		
A5313-FG14	FG-14mm	12			32		
A5313-FG16	FG-16mm	14	34				
A5313-HL08	HL-8mm	87×55	H, L	6	16	26	
A5313-HL10	HL-10mm			8		28	
A5313-HL12	HL-12mm			10		30	
A5313-HL14	HL-14mm			12		32	
A5313-HL16	HL-16mm	14	34				



X3 PS Plus Tibial Insert

Cat. No.	Specification	Product Description	ML×AP (mm)	Tibial Tray	Thickness (mm)	C Width (mm)	D Height (mm)
A5314-SA08	SA-8mm	Product Name: X3 PS Plus Tibial Insert RY C414 Material: UHMWPE	54×35	S, A	6	16.5	26
A5314-SA10	SA-10mm				8		28
A5314-SA12	SA-12mm				10		30
A5314-SA14	SA-14mm				12		32
A5314-SA16	SA-16mm				14		34
A5314-BC08	BC-8mm		63×40	B, B+ C, C+	6	16.5	26
A5314-BC10	BC-10mm				8		28
A5314-BC12	BC-12mm				10		30
A5314-BC14	BC-14mm				12		32
A5314-BC16	BC-16mm				14		34
A5314-DE08	DE-8mm		71×45	D, D+ E	6	16.5	26
A5314-DE10	DE-10mm				8		28
A5314-DE12	DE-12mm				10		30
A5314-DE14	DE-14mm				12		32
A5314-DE16	DE-16mm				14		34
A5314-FG08	FG-8mm		79×50	F, G	6	16.5	26
A5314-FG10	FG-10mm	8			28		
A5314-FG12	FG-12mm	10			30		
A5314-FG14	FG-14mm	12			32		
A5314-FG16	FG-16mm	14			34		
A5314-HL08	HL-8mm	87×55	H, L	6	16.5	26	
A5314-HL10	HL-10mm			8		28	
A5314-HL12	HL-12mm			10		30	
A5314-HL14	HL-14mm			12		32	
A5314-HL16	HL-16mm			14		34	



X5 CR Total Knee System



- Same tibial tray and femoral resection as the X5 TKA System.
- Gradient radius design of the femoral condyle allows for a smooth transition of flexion.
- Available in two types (CR and AS) of tibial insert designed for different PCL tension.
- Retroversion of 3° of the tibial tray.



X5 CR Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5107-01L	1#L	Product Name: X5 CR Femoral Condyle RY A206	57	52
A5107-02L	2#L		60	55.5
A5107-03L	3#L		63	58.5
A5107-04L	4#L		66	61.5
A5107-05L	5#L		69.5	64.5
A5107-06L	6#L		73	67.5
A5107-07L	7#L		77	71
A5107-01R	1#R	Left-right (L/R) Material: CoCrMo	57	52
A5107-02R	2#R		60	55.5
A5107-03R	3#R		63	58.5
A5107-04R	4#R		66	61.5
A5107-05R	5#R		69.5	64.5
A5107-06R	6#R		73	67.5
A5107-07R	7#R		77	71



X5 CR/AS Tibial Insert

CR Cat. No.	AS Cat. No.	Specification	Product Description	ML(mm)	AP (mm)
A5307-0109L	A5308-0109L	M1#/9mmL	Product Name: X5 CR Tibial Insert RY C406	57.5	39
A5307-0111L	A5308-0111L	M1#/11mmL			
A5307-0113L	A5308-0113L	M1#/13mmL			
A5307-0115L	A5308-0115L	M1#/15mmL			
A5307-0209L	A5308-0209L	M2#/9mmL			
A5307-0211L	A5308-0211L	M2#/11mmL			
A5307-0213L	A5308-0213L	M2#/13mmL			
A5307-0215L	A5308-0215L	M2#/15mmL	Product Name: X5 AS Tibial Insert RY C407	60.5	41
A5307-0309L	A5308-0309L	M3#/9mmL			
A5307-0311L	A5308-0311L	M3#/11mmL			
A5307-0313L	A5308-0313L	M3#/13mmL			
A5307-0315L	A5308-0315L	M3#/15mmL			
A5307-0409L	A5308-0409L	M4#/9mmL			
A5307-0411L	A5308-0411L	M4#/11mmL			
A5307-0413L	A5308-0413L	M4#/13mmL	Left-right(L/R) Material: UHMWPE	66.5	45
A5307-0415L	A5308-0415L	M4#/15mmL			
A5307-0509L	A5308-0509L	M5#/9mmL			
A5307-0511L	A5308-0511L	M5#/11mmL			
A5307-0513L	A5308-0513L	M5#/13mmL			
A5307-0515L	A5308-0515L	M5#/15mmL			
A5307-0609L	A5308-0609L	M6#/9mmL			
A5307-0611L	A5308-0611L	M6#/11mmL	72.5	49	
A5307-0613L	A5308-0613L	M6#/13mmL			
A5307-0615L	A5308-0615L	M6#/15mmL			
A5307-0709L	A5308-0709L	M7#/9mmL			
A5307-0711L	A5308-0711L	M7#/11mmL			
A5307-0713L	A5308-0713L	M7#/13mmL			
A5307-0715L	A5308-0715L	M7#/15mmL			
				75.5	51

X5 PS Total Knee System



- ▶ The optimal designed sagittal physiological curve is gradually reducing femoral radius designed to provide a smooth transition from stability to rotational freedom through a patient's range of motion.
- ▶ Semi-open box design ensures stable installation while ensuring the minimum resection.
- ▶ Optimal design of posterior condyle curve with a gradual radius provides safe high flexion of up to 150°.
- ▶ Optimal design of patellar articular surface, deeper patellar grooves and wider Q-angle allow for better patellar motion trajectory to effectively prevent patellar dislocation.
- ▶ Optimal design of articular surface of femoral condyle and tibial insert increases mutual contact area, effectively reduces contact stress, and reduces polyethylene wear.
- ▶ Sectional curvatures and arc center-to-center distances varying among specifications ensure a good match with the femoral condyle and reduce wear.



X5 PS Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5100-01L	1#L	Product Name: X5 PS Femoral Condyle RY A203 Left-right (L/R) Material: CoCrMo	57	52
A5100-M2L	M2#L		58	55.5
A5100-02L	2#L		60	55.5
A5100-M3L	M3#L		61	58.5
A5100-03L	3#L		63	58.5
A5100-M4L	M4#L		64	61.5
A5100-04L	4#L		66	61.5
A5100-M5L	M5#L		67.5	64.5
A5100-05L	5#L		69.5	64.5
A5100-06L	6#L		73	67.5
A5100-07L	7#L		77	71
A5100-01R	1#R		57	52
A5100-M2R	M2#R		58	55.5
A5100-02R	2#R		60	55.5
A5100-M3R	M3#R		61	58.5
A5100-03R	3#R		63	58.5
A5100-M4R	M4#R		64	61.5
A5100-04R	4#R	66	61.5	
A5100-M5R	M5#R	67.5	64.5	
A5100-05R	5#R	69.5	64.5	
A5100-06R	6#R	73	67.5	
A5100-07R	7#R	77	71	



X5 PS Tibial Insert

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
A5300-0109L	M1#/9mmL	Product Name: X5 PS Tibial Insert RY C403 Left-right (L/R) Material: UHMWPE	57.5	39
A5300-0111L	M1#/11mmL			
A5300-0113L	M1#/13mmL			
A5300-0115L	M1#/15mmL			
A5300-0209L	M2#/9mmL		60.5	41
A5300-0211L	M2#/11mmL			
A5300-0213L	M2#/13mmL			
A5300-0215L	M2#/15mmL			
A5300-0309L	M3#/9mmL		63.5	43
A5300-0311L	M3#/11mmL			
A5300-0313L	M3#/13mmL			
A5300-0315L	M3#/15mmL			
A5300-0409L	M4#/9mmL		66.5	45
A5300-0411L	M4#/11mmL			
A5300-0413L	M4#/13mmL			
A5300-0415L	M4#/15mmL			
A5300-0509L	M5#/9mmL		69.5	47
A5300-0511L	M5#/11mmL			
A5300-0513L	M5#/13mmL			
A5300-0515L	M5#/15mmL			
A5300-0609L	M6#/9mmL		72.5	49
A5300-0611L	M6#/11mmL			
A5300-0613L	M6#/13mmL			
A5300-0615L	M6#/15mmL			
A5300-0709L	M7#/9mmL		75.5	51
A5300-0711L	M7#/11mmL			
A5300-0713L	M7#/13mmL			
A5300-0715L	M7#/15mmL			

X5 Tibial Tray

Cat. No.	Pro Cat. No.	Specification	Product Description	ML(mm)	AP (mm)
A5200-M1L	A5214-M1L	M1#L	Product Name: X5 Tibial Tray RY B403	57.5	39
A5200-01L	A5214-01L	1#L		59	40
A5200-M2L	A5214-M2L	M2#L		60.5	41
A5200-02L	A5214-02L	2#L		62	42
A5200-M3L	A5214-M3L	M3#L	Product Name: X5 Tibial Tray Pro RY B414	63.5	43
A5200-03L	A5214-03L	3#L		65	44
A5200-M4L	A5214-M4L	M4#L		66.5	45
A5200-04L	A5214-04L	4#L		68	46
A5200-M5L	A5214-M5L	M5#L	Left-right (L/R) Material: CoCrMo	69.5	47
A5200-05L	A5214-05L	5#L		70	48
A5200-M6L	A5214-M6L	M6#L		72.5	49
A5200-06L	A5214-06L	6#L		74	50
A5200-M7L	A5214-M7L	M7#L	75.5	51	
A5200-07L	A5214-07L	7#L	77	52	



Matching Table

Tibial Insert (PS/CR/AS)	Tibial Tray	X5 Femoral Condyle (PS/CR)						
		1#	M2#/2#	M3#/3#	M4#/4#	M5/5#	6#	7#
M1#	M1#/1#	■	■					
M2#	M2#/2#	■	■	■				
M3#	M3#/3#		■	■	■			
M4#	M4#/4#			■	■	■		
M5#	M5#/5#				■	■	■	
M6#	M6#/6#					■	■	■
M7#	M7#/7#						■	■

X5 Extension Stem

Cat. No.	Specification	Product Description
51409-14-40	φ14×40mm	Product Name: X5 Extension Stem
51409-14-60	φ14×60mm	Material: Ti6Al4V

X5 Plugging Nail

Cat. No.	Specification	Product Description
A5701-23	23mm	Product Name: X5 Plugging Nail XR J01 Material: Ti6Al4V

X4 Total Knee System

Smaller width and thickness of the anterior condyle of the femoral prosthesis lessen the precondylar pressure and the tension of the quadriceps. The same sagittal geometry and smooth curvature prevent patella from increasing the strength of the quadriceps during knee extension and flexion, which, coupled with the relatively deep patellar groove, ensures that the patella remains stable in the groove even at high flexion without dislocation and that the patellar prosthesis is always in stable contact with the femoral prosthesis.

Slight coronal arc design maximizes the contact area to reduce the peak pressure on the polyethylene insert, eliminates the point-to-point edge loading during knee varus and valgus so that the tibiofemoral joint is always in contact.

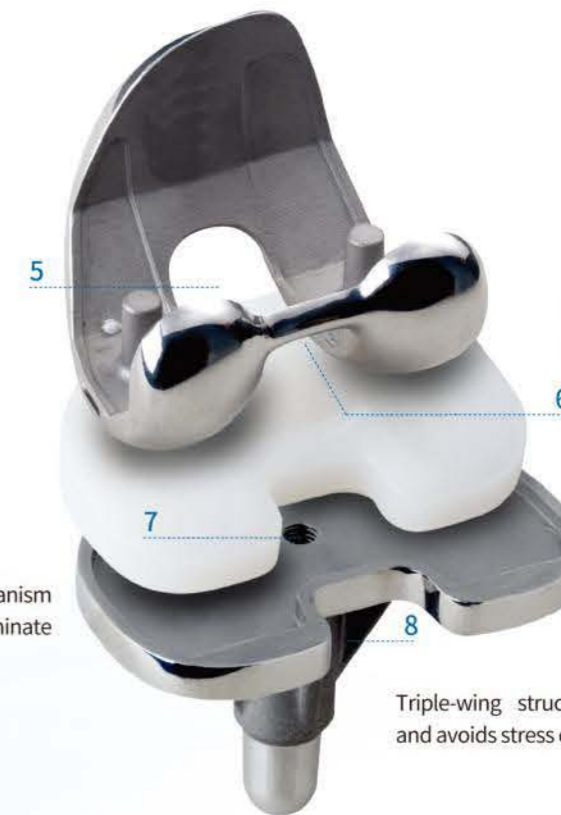
Increased curvature of the posterior condyle maintains surface contact of tibiofemoral articular surface rather than point contact at flexion of up to 135°



Patellar notch in front of the insert relieves the extra pressure and tension exerted on the quadriceps at high flexion.

Open box design reduces intercondylar resection to maximize the bone preserving

Unique tray and insert locking mechanism and metal anchor fixation eliminate fretting wear



Optimal design of cam-post structure keeps the cam at the base even at high flexion to effectively avoid dislocation

Triple-wing structure prevents rotation and avoids stress concentration



X4 Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
50111P	1#L	Product Name: X4 Femoral Condyle RY A201 Material: CoCrMo Left-right (L/R)	57	53
50112P	2#L		60	56
50113P	3#L		63	59
50114P	4#L		66	62
50115P	5#L		71	66
50121P	6#L		74	69
50116P	1#R		57	53
50117P	2#R		60	56
50118P	3#R		63	59
50119P	4#R		66	62
50120P	5#R		71	66
50122P	6#R		74	69



X4 Tibial Tray

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
50126	1#	Product Name: X4 Tibial Tray RY B401 Material: CoCrMo	61	41
50127	2#		64	43
50128	3#		67	45
50129	4#		71	47
50130	5#		76	51
50131	6#		79	54

Matching Table

Tibial Insert	Tibial Tray	X4 Femoral Condyle					
		1#	2#	3#	4#	5#	6#
1#	1#	■	■				
2#	2#	■	■	■			
3#	3#		■	■	■		
4#	4#			■	■	■	
5#	5#				■	■	■
6#	6#					■	■



Patella

Cat. No.	Specification	Product Description	Diameter	Thickness
50147B-8	φ30/8	Product Name: Patella RY D01 Material: UHMWPE	φ30	8
50141B-8	φ32/8		φ32	8
50141B-10	φ32/10		φ32	10
50142B-8	φ35/8		φ35	8
50142B-10	φ35/10		φ35	10
50143B-10	φ38/10		φ38	10

X4 Tibial Insert

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
50136P-9	1#/9mm	Product Name: X4 Tibial Insert RY C401 Material: UHMWPE	61	41
50136P-11	1#/11mm			
50136P-13	1#/13mm			
50136P-15	1#/15mm		64	43
50137P-9	2#/9mm			
50137P-11	2#/11mm			
50137P-13	2#/13mm			
50137P-15	2#/15mm		67	45
50138P-9	3#/9mm			
50138P-11	3#/11mm			
50138P-13	3#/13mm			
50138P-15	3#/15mm		71	47
50139P-9	4#/9mm			
50139P-11	4#/11mm			
50139P-13	4#/13mm			
50139P-15	4#/15mm	76	51	
50140P-9	5#/9mm			
50140P-11	5#/11mm			
50140P-13	5#/13mm			
50140P-15	5#/15mm	79	54	
50141P-9	6#/9mm			
50141P-11	6#/11mm			
50141P-13	6#/13mm			
50141P-15	6#/15mm			

XCKK Revision Knee System

- Interchangeable femoral and tibial components of XCKK constrained condylar knee prosthesis and X4 primary knee prosthesis.
- The system is designed to simplify the complex through intelligent, flexible design and efficient surgical techniques:
 - Varus-valgus deformities
 - Flexion contracture deformity
 - Ligament dysfunction
 - Bone defects, etc.
- 360° Offset Adaptor Capability:
 - Ensure that the extension rod is in the center of the medullary canal
 - Ensure that the femoral condyle prosthesis and tibial plateau prosthesis have wider bone coverage
 - Help the surgeon avoid excessively expanding the medullary canal for wider bone coverage
- Optimal design of augments can better address bone defects on the femoral and tibial sides and improve the stability during implantation
- Provides multiple sizes of the extension stems to meet various surgical requirements.
- 360° offset Adaptor
 - Offset length: 2 mm, 4 mm, 6 mm
 - Length: 25 mm



XCKK Femoral Condyle

Cat. No.	Specification	Product Description	ML(mm)	AP(mm)
52001-1L	1#L	Product Name: XCKK Femoral Condyle RY A202	57	53
52001-2L	2#L		60	56
52001-3L	3#L		63	59
52001-4L	4#L		66	62
52001-5L	5#L		71	66
52001-6L	6#L		74	69
52001-1R	1#R	Material: CoCrMo	57	53
52001-2R	2#R		60	56
52001-3R	3#R		63	59
52001-4R	4#R		66	62
52001-5R	5#R		71	66
52001-6R	6#R		74	69

XCKK Tibial Tray

Cat. No.	Specification	Product Description	ML(mm)	AP(mm)
52002-1	1#	Product Name: XCKK Tibial Tray RY B402	61	41
52002-2	2#		64	43
52002-3	3#	Material: CoCrMo	67	45
52002-4	4#		71	47
52002-5	5#		76	51
52002-6	6#		79	54



XCKK Tibial Insert

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)	Cat. No.	Specification	Product Description	ML (mm)	AP (mm)		
52003-1-9	1#/9mm	Product Name: XCKK Tibial Insert RY C402	61	41	52003-4-9	4#/9mm	Product Name: XCKK Tibial Insert RY C402	71	47		
52003-1-11	1#/11mm				52003-4-11	4#/11mm					
52003-1-13	1#/13mm				52003-4-13	4#/13mm					
52003-1-15	1#/15mm				52003-4-15	4#/15mm					
52003-1-18	1#/18mm				52003-4-18	4#/18mm					
52003-1-21	1#/21mm				52003-4-21	4#/21mm					
52003-2-9	2#/9mm		Material: UHMWPE	64	43	52003-5-9		5#/9mm	Material: UHMWPE	76	51
52003-2-11	2#/11mm					52003-5-11		5#/11mm			
52003-2-13	2#/13mm					52003-5-13		5#/13mm			
52003-2-15	2#/15mm					52003-5-15		5#/15mm			
52003-2-18	2#/18mm					52003-5-18		5#/18mm			
52003-2-21	2#/21mm					52003-5-21		5#/21mm			
52003-3-9	3#/9mm			67	45	52003-6-9		6#/9mm		79	54
52003-3-11	3#/11mm					52003-6-11		6#/11mm			
52003-3-13	3#/13mm					52003-6-13		6#/13mm			
52003-3-15	3#/15mm					52003-6-15		6#/15mm			
52003-3-18	3#/18mm					52003-6-18		6#/18mm			
52003-3-21	3#/21mm					52003-6-21		6#/21mm			

Matching Table

Tibial Insert	Tibial Tray	XCKK Femoral Condyle					
		1#	2#	3#	4#	5#	6#
1#	1#	■	■				
2#	2#	■	■	■			
3#	3#		■	■	■		
4#	4#			■	■	■	
5#	5#				■	■	■
6#	6#					■	■

XCCK Revision Knee System



XCCK Extension Stem

Cat. No.	Specification	Product Description
52004-10-80	φ10x80mm	Product Name: XCCK Extension Stem XR D05 Material: Ti6Al4V
52004-12-80	φ12x80mm	
52004-14-80	φ14x80mm	
52004-16-80	φ16x80mm	
52004-18-80	φ18x80mm	
52004-10-120	φ10x120mm	
52004-12-120	φ12x120mm	
52004-14-120	φ14x120mm	
52004-16-120	φ16x120mm	
52004-18-120	φ18x120mm	
52010-15-30	φ15x30mm	



XCCK Offset Adaptor

Cat. No.	Specification	Product Description	Offset
52011-2-25	25/2mm	Product Name: XCCK Offset Adaptor XR M04 Material: Ti6Al4V	2mm
52011-4-25	25/4mm		4mm
52011-6-25	25/6mm		6mm



XCCK Posterior Femoral Augment

Cat. No.	Specification	Product Description	Thickness
52005-1-5	1#/5mm	Product Name: XCCK Posterior Femoral Augment XR K02 Material: Ti6Al4V	5mm
52005-2-5	2#/5mm		5mm
52005-3-5	3#/5mm		5mm
52005-4-5	4#/5mm		5mm
52005-5-5	5#/5mm		5mm
52005-6-5	6#/5mm		5mm
52005-1-10	1#/10mm	Product Name: XCCK Posterior Femoral Augment XR K02 Material: Ti6Al4V	10mm
52005-2-10	2#/10mm		10mm
52005-3-10	3#/10mm		10mm
52005-4-10	4#/10mm		10mm
52005-5-10	5#/10mm		10mm
52005-6-10	6#/10mm		10mm



XCCK Distal Femoral Augment

Cat. No.	Specification	Product Description	Thickness
52006-1-5	1#/5mm	Product Name: XCCK Distal Femoral Augment XR K01 Material: Ti6Al4V	5mm
52006-2-5	2#/5mm		5mm
52006-3-5	3#/5mm		5mm
52006-4-5	4#/5mm		5mm
52006-5-5	5#/5mm		5mm
52006-6-5	6#/5mm		5mm
52006-1-10	1#/10mm	Product Name: XCCK Distal Femoral Augment XR K01 Material: Ti6Al4V	10mm
52006-2-10	2#/10mm		10mm
52006-3-10	3#/10mm		10mm
52006-4-10	4#/10mm		10mm
52006-5-10	5#/10mm		10mm
52006-6-10	6#/10mm		10mm

XCK Revision Knee System



XCK Tibial Augment

Cat. No.	Specification	Product Description	Thickness
52007-1L-5	1#L/5mm	Product Name: XCK Tibial Augment (half block)	5mm
52007-2L-5	2#L/5mm		5mm
52007-3L-5	3#L/5mm		5mm
52007-4L-5	4#L/5mm		5mm
52007-5L-5	5#L/5mm		5mm
52007-6L-5	6#L/5mm		5mm
52007-1L-10	1#L/10mm	XR L01	10mm
52007-2L-10	2#L/10mm		10mm
52007-3L-10	3#L/10mm		10mm
52007-4L-10	4#L/10mm		10mm
52007-5L-10	5#L/10mm		10mm
52007-6L-10	6#L/10mm		10mm



XCK Tibial Augment

Cat. No.	Specification	Product Description	Thickness
52007-1R-5	1#R/5mm	Product Name: XCK Tibial Augment (half block)	5mm
52007-2R-5	2#R/5mm		5mm
52007-3R-5	3#R/5mm		5mm
52007-4R-5	4#R/5mm		5mm
52007-5R-5	5#R/5mm		5mm
52007-6R-5	6#R/5mm		5mm
52007-1R-10	1#R/10mm	XR L01	10mm
52007-2R-10	2#R/10mm		10mm
52007-3R-10	3#R/10mm		10mm
52007-4R-10	4#R/10mm		10mm
52007-5R-10	5#R/10mm		10mm
52007-6R-10	6#R/10mm		10mm

3D Printed Cone for Knee

- Excellent osseointegration of 3D printed trabecular metal.
- High porosity trabecular structure naturally has the immediate stability and long-term stability required for prosthesis fixation.
- Titanium alloy material avoids bone resorption and has good biocompatibility.
- The modulus of elasticity is close to bone, avoiding stress shielding.
- A variety of fixation methods can be switched flexibly during operation.
- The operation is simple and can shorten the operation time.



Cone for Tibial Side

Cat. No.	Product Description	Size Ref.
A5451-0125	Product Name: Cone for Tibial Side XR L05	1#/25mm
A5451-0225		2#/25mm
A5451-0325		3#/25mm
A5451-0425		Material: Ti6Al4V 4#/25mm
A5452-0115	Product Name: Cone for Tibial Side XR L07	1#/15mm
A5452-0215		2#/15mm
A5452-0230		2#/30mm
A5452-0315		3#/15mm
A5452-0330		Material: Ti6Al4V 3#/30mm
A5453-02-1530	Product Name: Cone for Tibial Side XR L08	2#-30mmR
A5453-03-1530		3#-30mmR
A5453-02-3015		2#-30mmL
A5453-03-3015		Material: Ti6Al4V 3#-30mmL



Cone for Femoral Side

Cat. No.	Product Description	Size Ref.
A5501-0125R	Product Name: Cone for Femoral Side XR K04	1#-25mmR
A5501-0225R		2#-25mmR
A5501-0325R		3#-25mmR
A5501-0125L		1#-25mmL
A5501-0225L		2#-25mmL
A5501-0325L		3#-25mmL
A5503-0130R	Product Name: Cone for Femoral Side XR K09	1#-30mmR
A5503-0135R		1#-35mmR
A5503-0230R		2#-30mmR
A5503-0235R		2#-35mmR
A5503-0330R		3#-30mmR
A5503-0335R		3#-35mmR
A5503-0130L		1#-30mmL
A5503-0135L		1#-35mmL
A5503-0230L		2#-30mmL
A5503-0235L	2#-35mmL	
A5503-0330L	3#-30mmL	
A5503-0335L	3#-35mmL	



Cat. No.	Product Description	Size Ref.
A5502-0125R	Product Name: Cone for Femoral Side XR K06	1#-25mmR
A5502-0135R		1#-35mmR
A5502-0145R		1#-45mmR
A5502-0225R		2#-25mmR
A5502-0235R		2#-35mmR
A5502-0245R		2#-45mmR
A5502-0325R	Product Name: Cone for Femoral Side XR K06	3#-25mmR
A5502-0335R		3#-35mmR
A5502-0345R		3#-45mmR
A5502-0125L		1#-25mmL
A5502-0135L		1#-35mmL
A5502-0145L		1#-45mmL
A5502-0225L		2#-25mmL
A5502-0235L		2#-35mmL
A5502-0245L		2#-45mmL
A5502-0325L		3#-25mmL
A5502-0335L		3#-35mmL
A5502-0345L		3#-45mmL



CUSTOM-MADE TUMOR PROSTHESES SYSTEM



Segmental Prosthesis



Hinge Knee Joint



Paediatrics Knee Joint



Rotated Femoral Knee Joint



Distal Femoral Semi-Knee Joint



Adjustable Rotated Distal Femoral Knee Joint



Rotated Tibial Knee Joint



Proximal Tibial Semi-Knee Joint



Adjustable Rotated Proximal Tibial Knee Joint



Modular Hip Joint



Modular Total Femoral Joint



Modular Distal Femoral Knee Joint



Hinge Knee Joint



Modular Total Knee Joint



Modular Proximal Tibial Joint

Modular Hip Joint

- ▶ Tendon suture holes in the greater and lesser trochanters are reserved to restore the tendon function.
- ▶ Conical press-fit locking mechanism is utilized between prosthesis components for better fixation.
- ▶ Arbitrary combination of components allows intraoperative flexible installation to achieve precise resection.
- ▶ Available in several model configurations of distal medullary canal to reconstruct osteoarticular defects of varying sizes.
- ▶ The prosthesis is packaged sterile, and is safer and more reliable to use.



Proximal Femur

Cat. No.	Specification	Product Description	Length(mm)
51801	1#	Product Name: Proximal Femur XF 1201A Neck Shaft Angle: 130° Taper: 12/14 Material: CoCrMo	62



Extension Piece

Cat. No.	Specification	Product Description	Length(mm)
51504-030	φ26x30	Product Name: Extension Piece XR M01 Material: Ti6Al4V	30
51504-040	φ26x40		40
51504-050	φ26x50		50
51504-060	φ26x60		60
51504-070	φ26x70		70
51504-080	φ26x80		80
51504-100	φ26x100		100
51504-120	φ26x120		120
51504-140	φ26x140		140
51504-160	φ26x160		160
51504-180	φ26x180	180	
51504-200	φ26x200	200	



Connection Piece

Cat. No.	Specification	Product Description	Length(mm)
51802-080R	80mmR	Product Name: Connection Piece XR M02 Material: Ti6Al4V	80mm
51803-090R	90mmR		90mm
51802-080L	80mmL	Material: Ti6Al4V	80mm
51803-090L	90mmL		90mm





Tumor Extension Stem

Cat. No.	Specification	Product Description	Length (mm)
51503-01	φ9x110	Product Name: Tumor Extension Stem XR D01 Material: Ti6Al4V	110
51503-02	φ10x125		125
51503-03	φ11x120		120
51503-04	φ12x150		150
51503-05	φ13x150		150
51503-06	φ14x150		150
51503-07	φ11x150		150
51503-08	φ12x120		120

Tumor Extension Stem (curved)

Cat. No.	Specification	Product Description	Length (mm)
51505-01	φ9x110	Product Name: Tumor Extension Stem (curved) XR D03 Material: Ti6Al4V	110
51505-02	φ10x125		125
51505-03	φ11x120		120
51505-04	φ12x150		150
51505-05	φ13x150		150
51505-06	φ14x150		150
51505-07	φ11x180		180
51505-08	φ12x180		180
51505-09	φ13x180		180
51505-10	φ14x180		180
51505-11	φ11x150		150
51505-12	φ12x120		120
51505-13	φ13x120		120

Hinge and Tumor Knee System

- Applicable to bone loss due to knee tumors, comminuted fractures, or other reasons.
- Flexion and rotation functions of the knee prosthesis reduce the rotation stress of the extension stem and avoid the occurrence of prosthesis loosening.
- Conical press-fit locking mechanism is utilized between prosthesis components for better fixation.
- Available in several model (such as curved and straight) configurations of the distal extension stem to meet more clinical needs.
- Arbitrary combination of components into various joint prostheses such as the distal femur, proximal tibia, tumor knee and total femur according to the needs of clinicians



Hinge Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
51401-1	1#L	Product Name: Hinge Femoral Condyle XR A302 Material: CoCrMo	60	54
51401-2	2#L		65	56
51401-3	3#L		70	59
51401-4	1#R		60	54
51401-5	2#R		65	56
51401-6	3#R		70	59



Tumor Femoral Condyle

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
51501-1	1#L	Product Name: Tumor Femoral Condyle XR A301 Material: CoCrMo	52	45
51501-2	2#L		60	54
51501-3	1#R		52	45
51501-4	2#R		60	54



Axle

Cat. No.	Specification	Product Description	Length(mm)
51407-52	φ10x52	Product Name: Axle XR G02	52
51407-64	φ10x64	Material: CoCrMo	64



Matching Table

Component	1#L/1#R	2#L/2#R	3#L/3#R	Remark
Tumor Femoral Condyle	1#L/1#R	2#L/2#R	/	Remark: Femoral Condyle could match with all size of Tibial Insert.
Hinge Femoral Condyle	1#L/1#R	2#L/2#R	3#L/3#R	
Axle	52mm		64mm	

Hinge Tibial Tray

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
51402-1	1#	Product Name: Hinge Tibial Tray XR B301 Material: CoCrMo	55	42
51402-2	2#		60	44
51402-3	3#		65	46
51402-4	4#		70	48
51402-5	5#		75	50



Tumor Tibial Tray

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
51502-1	1#	Product Name: Tumor Tibial Tray XR B302 Material: CoCrMo	55	42
51502-2	2#		60	44
51502-3	3#		65	46
51506-1	1#		55	42
51506-2	2#		60	44
51506-3	3#		65	46



Tibial Rotating Component

Cat. No.	Specification	Product Description	Length(mm)
51404-51	51mm	Product Name: Tibial Rotating Component XR F01	51
51404-61	61mm	Material: CoCrMo	61



Tibial Insert

Cat. No.	Specification	Product Description	ML (mm)	AP (mm)
51405-1-11	1#/11mm	Product Name: Tibial insert XR C301 Material: UHMWPE	55	42
51405-1-13	1#/13mm			
51405-1-16	1#/16mm			
51405-2-11	2#/11mm		60	44
51405-2-13	2#/13mm			
51405-2-16	2#/16mm			
51405-3-11	3#/11mm		65	46
51405-3-13	3#/13mm			
51405-3-16	3#/16mm			
51405-4-11	4#/11mm		70	48
51405-4-13	4#/13mm			
51405-4-16	4#/16mm			
51405-5-11	5#/11mm		75	50
51405-5-13	5#/13mm			
51405-5-16	5#/16mm			



Matching Table

Hing Tibial Tray	1#	2#	3#	4#	5#	Remark: Tibial Insert could match with all size of Femoral Condyle.
Tumor Tibial Tray	1#	2#	3#			
Tibial Rotating Component	51mm		61mm			
Tibial Insert	1#	2#	3#	4#	5#	



Hinge Extension Stem

Cat. No.	Specification	Product Description	Length (mm)
51409-01	φ10x90	Product Name: Hinge Extension Stem XR D02 Material: Ti6Al4V	90mm
51409-02	φ11x100		100mm
51409-03	φ12x110		110mm
51409-04	φ13x120		120mm



Tumor Extension Stem (curved)

Cat. No.	Specification	Product Description	Length (mm)
51505-01	φ9x110	Product Name: Tumor Extension Stem (curved) XR D03 Material: Ti6Al4V	110
51505-02	φ10x125		125
51505-03	φ11x120		120
51505-04	φ12x150		150
51505-05	φ13x150		150
51505-06	φ14x150		150
51505-07	φ11x180		180
51505-08	φ12x180		180
51505-09	φ13x180		180
51505-10	φ14x180		180
51505-11	φ11x150		150
51505-12	φ12x120		120
51505-13	φ13x120		120



Tumor Extension Stem

Cat. No.	Specification	Product Description	Length (mm)
51503-01	φ9x110	Product Name: Tumor Extension Stem XR D01 Material: Ti6Al4V	110
51503-02	φ10x125		125
51503-03	φ11x120		120
51503-04	φ12x150		150
51503-05	φ13x150		150
51503-06	φ14x150		150
51503-07	φ11x150		150
51503-08	φ12x120		120



Extension Piece

Cat. No.	Specification	Product Description	Length (mm)
51504-030	φ26x30	Product Name: Extension Piece XR M01 Material: Ti6Al4V	30
51504-040	φ26x40		40
51504-050	φ26x50		50
51504-060	φ26x60		60
51504-070	φ26x70		70
51504-080	φ26x80		80
51504-100	φ26x100		100
51504-120	φ26x120		120
51504-140	φ26x140		140
51504-160	φ26x160		160
51504-180	φ26x180		180
51504-200	φ26x200		200

Modular Total Femoral Joint

- Applicable to large-range femoral tumors.
- Porous fixation of proximal prosthesis facilitates the reconstruction of the surrounding soft tissue.
- Arbitrary combination of components allows intraoperative flexible installation.
- The connection piece designed with the anteversion of 15° is different on the left and right sides.



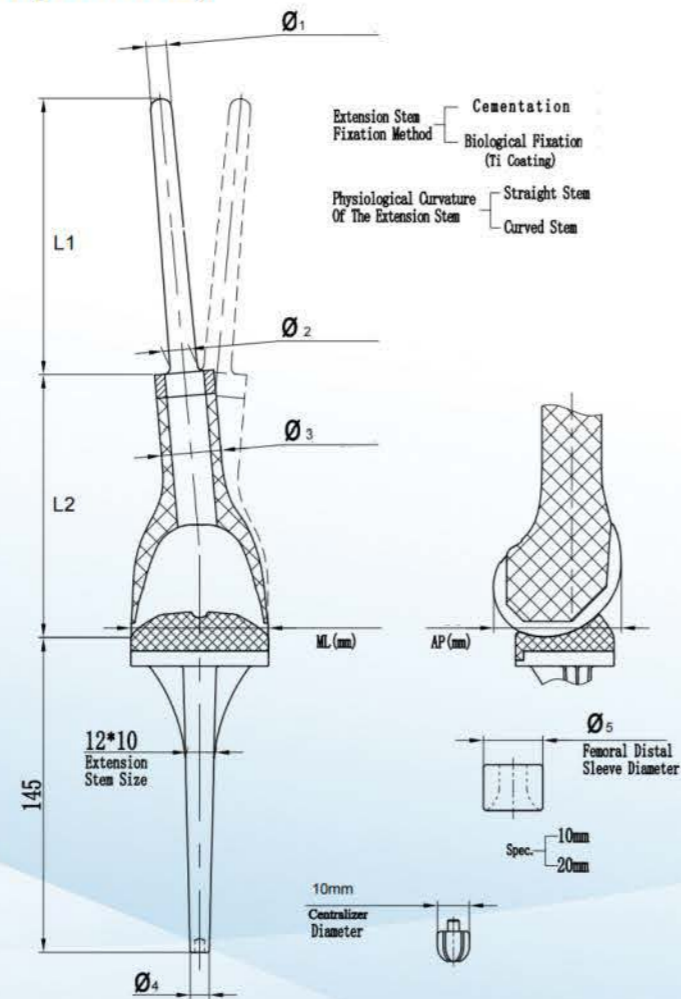
Rotated Femoral Knee Joint

- Physiological curvature of the extension stem on the femoral side approximates the human bone morphology to ensure uniform cement thickness.
- The same flexion and rotation functions as the human knee joint alleviate extension stem torque and uniformly fix the prosthesis and bone.
- The articular surface of the site where the femoral plateau is in contact with the tibial plateau is made of wear-resistant CoCrMo alloy and UHMWPE combined using the press-fit technology to reduce wear and increase the service life of the joint.



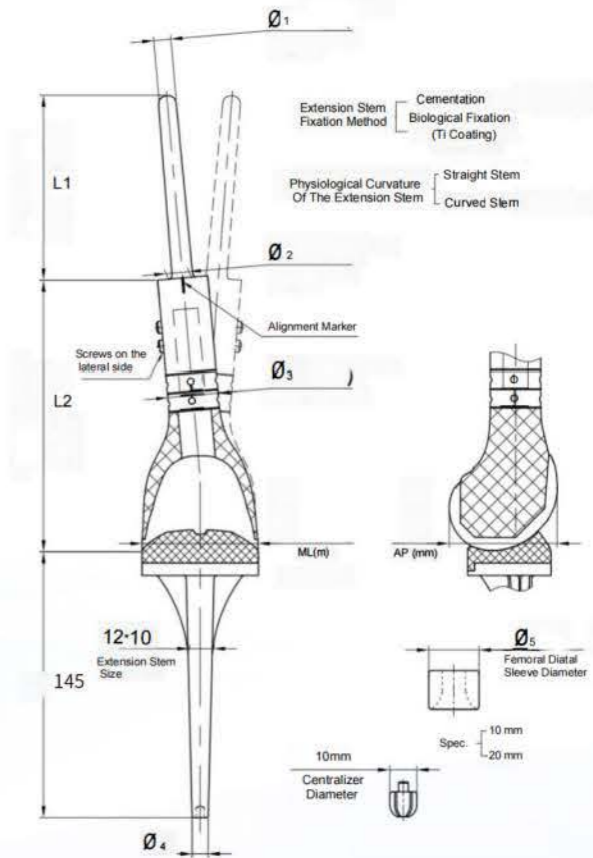
Rotated Distal Femoral Knee Joint (XR P01-1)

Reference	Specification (mm)
L1	60-180 (5 inc.)
L2	75-200 (10 inc.)
φ1	9-15 (1 inc.)
φ2	10-16 (1 inc.)
φ3	24-40 (2 inc.)
φ4	8
φ5	24-40 (2 Inc.)
ML*AP	60*55 / 64*55 / 70*57
Material	Ti6Al4V, CoCrMo, UHMWPE



Adjustable Rotated Distal Femoral Knee Joint (XR P01-3)

Reference	Specification (mm)
L1	60-180 (5 inc.)
L2	125-205 (10 inc.)
φ1	9-15 (1 inc.)
φ2	10-16 (1 inc.)
φ3	24-40 (2 inc.)
φ4	8
φ5	24-40 (2 Inc.)
ML*AP	60*55 / 64*55 / 70*57
Material	Ti6Al4V, CoCrMo, UHMWPE



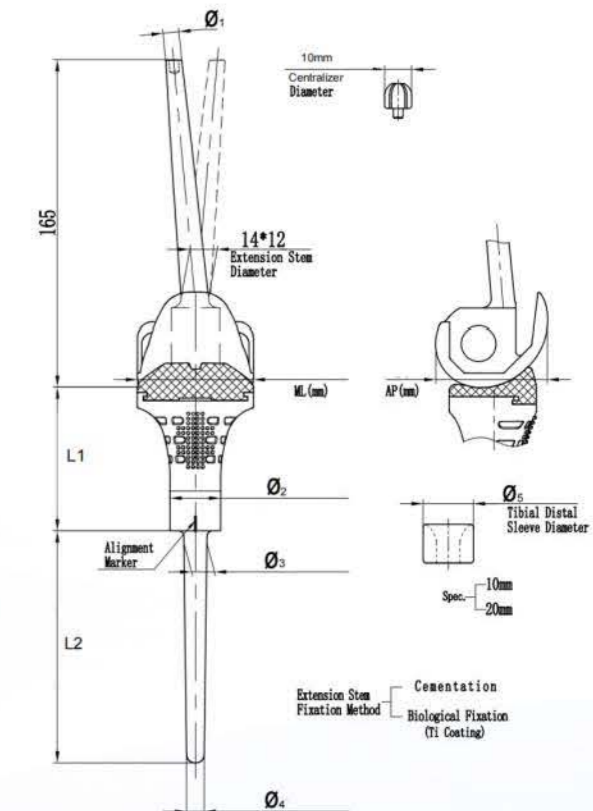
Rotated Tibial Knee Joint

- Applicable to knee tibial tumors or comminuted fractures, and customized into different sizes and specifications depending on the different conditions and bone characteristics of patients.
- The semi-femoral condyle design ensures more bone preserving.
- Six-hole and grafting-type design of the tibial tray is conducive to patellar ligament reconstruction.



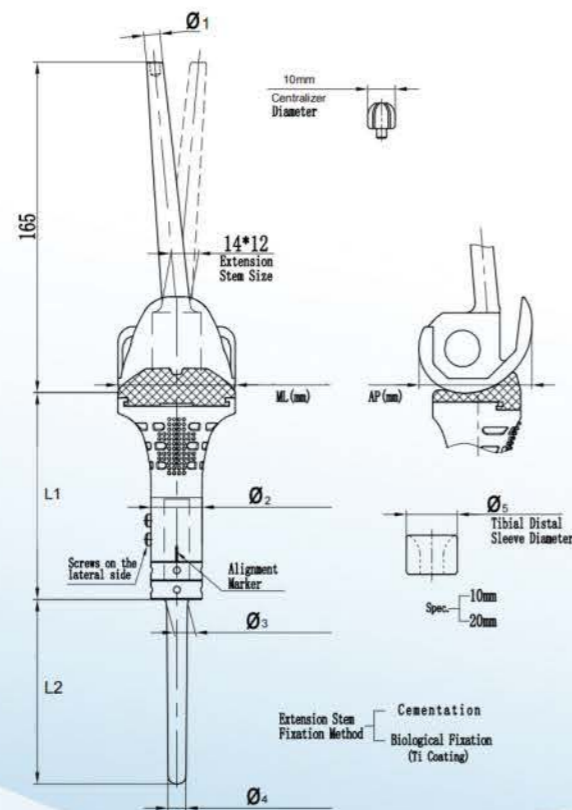
Rotated Proximal Tibial Knee Joint (XR P02-2)

Reference	Specification (mm)
L1	70-180 (10 inc.)
L2	60-180 (5 inc.)
φ1	8
φ2	22-32 (2 inc.)
φ3	9-15(1 inc.)
φ4	8-14(1 inc.)
φ5	22-32(2 inc.)
ML*AP	60*57 / 64*57 / 70*59
Material	Ti6Al4V, CoCrMo, UHMWPE



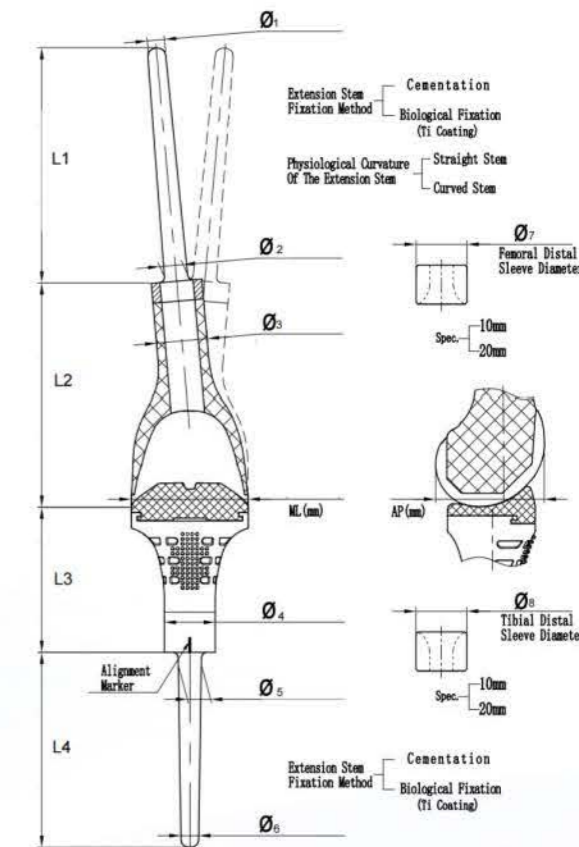
Adjustable Rotated Proximal Tibial Knee Joint (XR P02-4)

Reference	Specification (mm)
L1	125-205 (10 inc.)
L2	60-180 (5 inc.)
φ1	8
φ2	22-32 (2 inc.)
φ3	9-15(1 inc.)
φ4	8-14(1 inc.)
φ5	22-32(2 inc.)
ML*AP	60*57 / 64*57 / 70*59
Material	Ti6Al4V, CoCrMo, UHMWPE



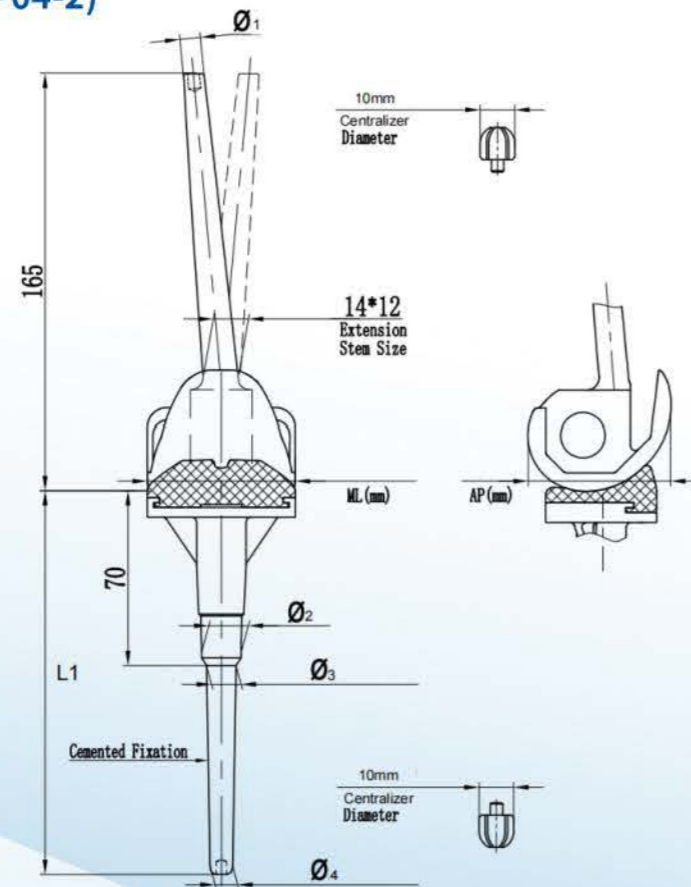
Total Knee Joint (XR P03-3)

Reference	Specification (mm)
L1	60-180 (5 inc.)
L2	75-200 (5 inc.)
L3	70-180 (5 inc.)
L4	60-180 (5 inc.)
φ1	9-15 (1 inc.)
φ2	10-16 (1 inc.)
φ3	24-40 (2 inc.)
φ4	22-32 (2 inc.)
φ5	9-15 (1 inc.)
φ6	8-14 (1 inc.)
φ7	24-40 (2 inc.)
φ8	22-32 (2 inc.)
ML*AP	60*55 / 64*55 / 70*57
Material	Ti6Al4V, CoCrMo, UHMWPE



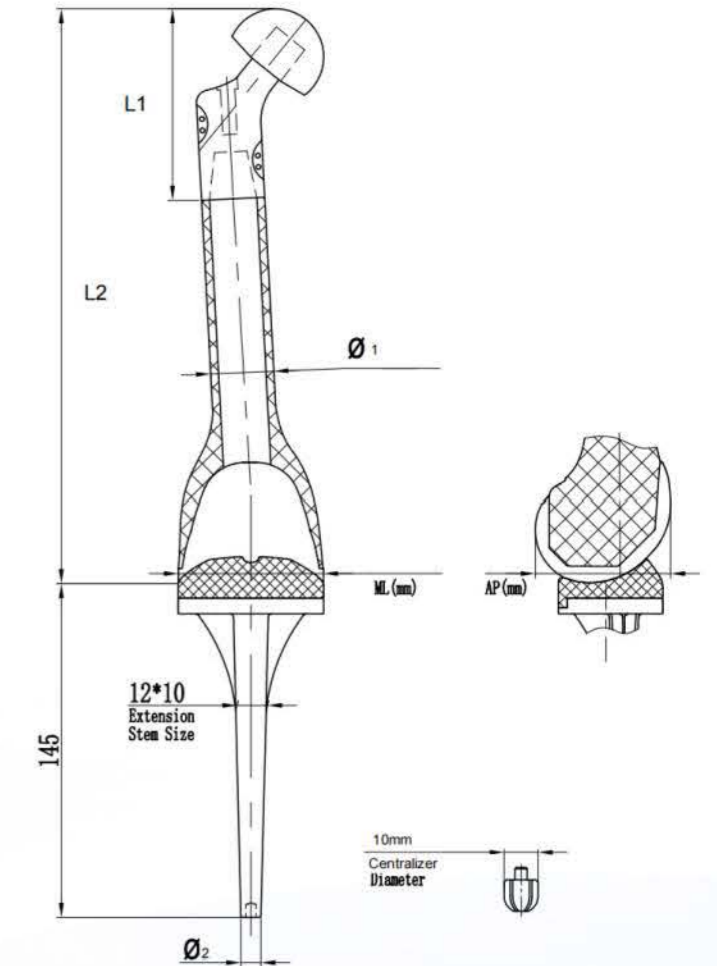
Standard Hinge Knee Joint (XR P04-2)

Reference	Specification (mm)
L1	140-190 (5 inc.)
$\phi 1$	8
$\phi 2$	16
$\phi 3$	9-14 (1 inc.)
$\phi 4$	8-13 (1 inc.)
ML*AP	60*57 / 64*57 / 70*59
Material	Ti6Al4V, CoCrMo, UHMWPE



Total Femoral Joint (XR P03-4)

Reference	Specification (mm)
L1	60-80 (10 inc.)
L2	160-450 (5 inc.)
$\phi 1$	25
$\phi 2$	8
ML*AP	60*55 / 64*55 / 70*57
Material	Ti6Al4V, CoCrMo, UHMWPE



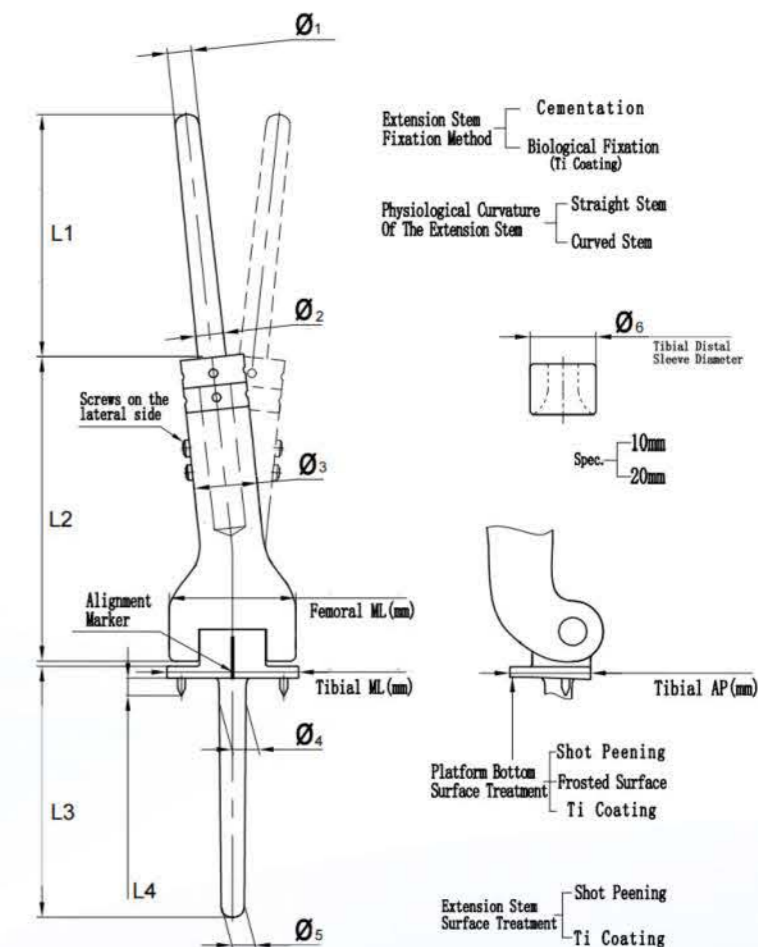
Paediatrics Knee Joint

- ▶ Titanium alloy microporous distal femoral hinge and extendable artificial knee prosthesis.
- ▶ Applicable to young tumor patients with small width of the femoral condyle for better soft tissue coverage.
- ▶ Biological fixation with tibial extension stem to preserve epiphysis.
- ▶ Adjustable prosthesis lengths postoperatively according to the growth of healthy limbs.



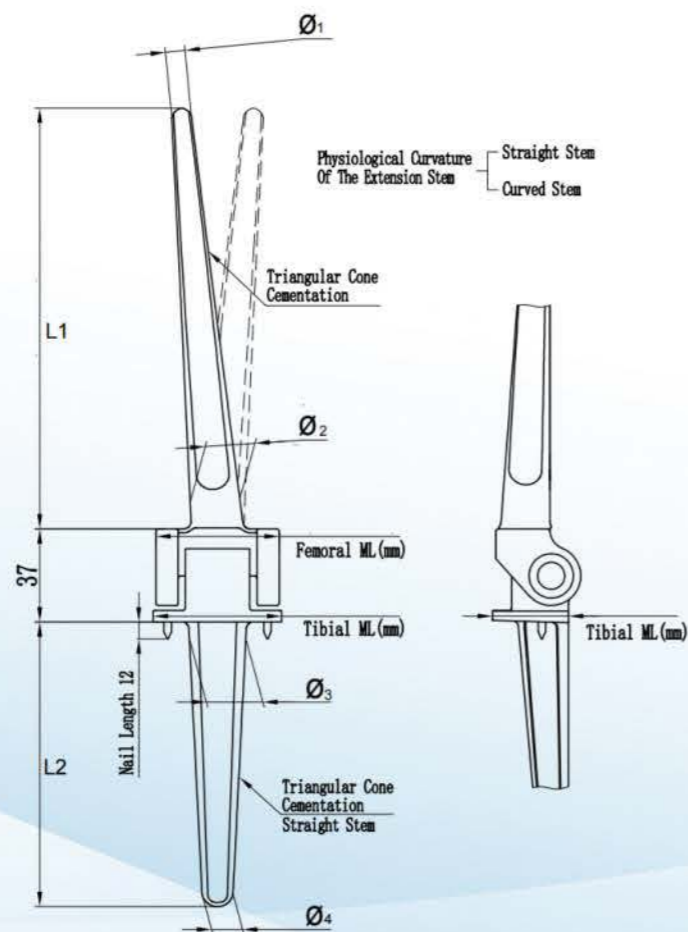
Adjustable Femoral Hinge Knee Joint (XR N05-1)

Reference	Specification (mm)
L1	60-180 (5 inc.)
L2	100-200 (10 inc.)
L3	60-120 (5 inc.)
L4	8,10,12,15
φ1	7-15(1 inc.)
φ2	8-16(1 inc.)
φ3	22-26(2 inc.)
φ4	9-11(1 inc.)
φ5	8-10(1 inc.)
φ6	22/24/25/26
Femoral ML	40-60 (5 inc.)
Tibial ML	40-65 (5 inc.)
Tibial AP	24-36 (2 inc.)
Material	Ti6Al4V, CoCrMo, UHMWPE



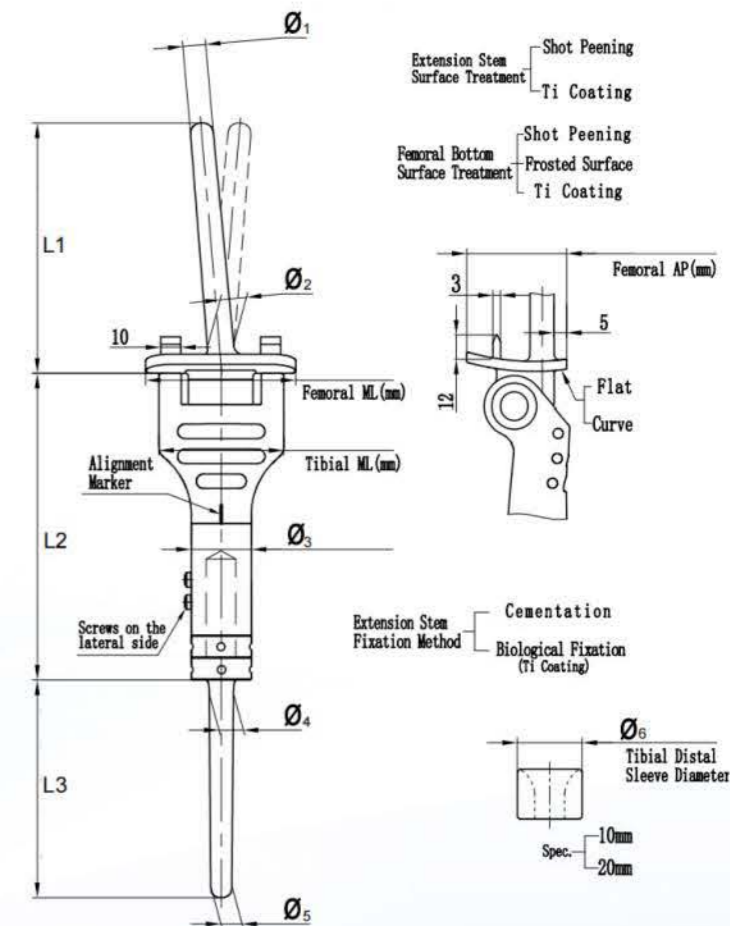
Standard Hinge Knee Joint (XR N04-1)

Reference	Specification (mm)
L1	60-165 (5 inc.)
L2	60-135 (5 inc.)
φ1	7*8
φ2	21*23
φ3	10*10 / 21*21
φ4	7*8
Femoral ML	45-60 (5 inc.)
Tibial ML	45-65 (5 inc.)
Tibial AP	24-36 (2 inc.)
Material	Ti6Al4V, CoCrMo, UHMWPE



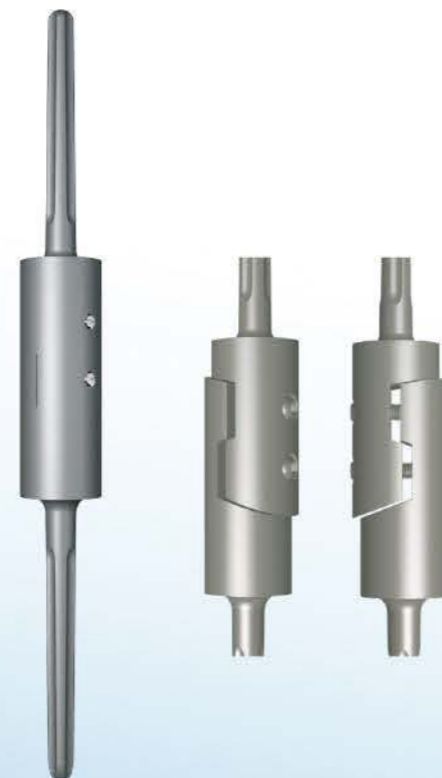
Adjustable Tibial Hinge Knee Joint (XR N06-1)

Reference	Specification (mm)
L1	60-120(5 inc.)
L2	60-120(5 inc.)
L3	60-140(5 inc.)
φ1	8-10 (1 inc.)
φ2	9-11 (1 inc.)
φ3	22 / 24 / 25
φ4	9-12 (1 inc.)
φ5	8-11 (1 inc.)
φ6	22-32 (2 inc.)
Femoral ML	40-55 (5 inc.)
Femoral AP	26-36 (2 inc.)
Tibial ML	40-50 (5 inc.)
Material	Ti6Al4V, CoCrMo, UHMWPE



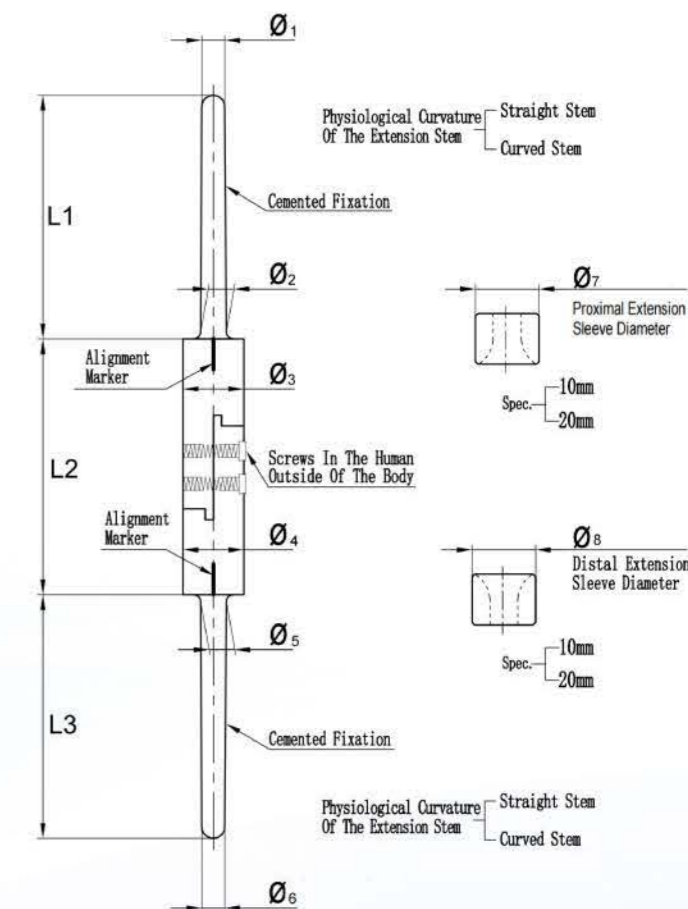
Segmental Prosthesis

- Segmental design allows safe locking and simple combination.
- Applicable to small-range tumors in the middle segment of long bone such as metastatic cancer.
- Joint prostheses of different sizes and specifications can be customized depending on the different patient conditions.
- Allow the use of steel plate to meet the needs of special cases for better fixation.



Segmental Prosthesis (XF1501A-1)

Reference	Specification (mm)
L1	25-200 (5 inc.)
L2	55-300 (10 inc.)
L3	25-200 (5 inc.)
φ1	8-15 (1 inc.)
φ2	9-16 (1 inc.)
φ3	22-32 (2 inc.)
φ4	22-32 (2 inc.)
φ5	9-16 (1 inc.)
φ6	8-15 (1 inc.)
φ7	22-32 (2 inc.)
φ8	22-32 (2 inc.)
Material	Ti6Al4V



Hybrid Distal Femoral Knee Joint

- ▶ Allow personalized customization.
- ▶ Bionic design of porous trabecular structure.
- ▶ Computer simulation can assist surgical planning.
- ▶ Preserve the patient's own joint and soft tissue functions.



Pelvic System

- ▶ Different sizes of joint prostheses can be customized according to the patient's different conditions.
- ▶ Assembling of accessories of different sizes facilitates intraoperative angle adjustment.
- ▶ Iliac and sacral trays are available for different regional lesions, and the ultra-radius design of the liner reduces the risk of postoperative dislocation.



3D Printed Pelvic System

- ▶ Allow personalized customization.
- ▶ Bionic design of porous trabecular structure.
- ▶ Computer simulation can assist surgical planning.
- ▶ Morphological bionic design is more conducive to functional reconstruction.



3D Printed Cutting Block



Polylauro lactam material

The product made of polylauro lactam with high toughness and excellent biocompatibility can reduce the friction coefficient and has good antibacterial properties and excellent corrosion resistance.

High matching accuracy

Additive manufacturing customization after three-dimensional reconstruction based on patient imaging data, providing customized clinical solutions with higher matching accuracy and more accurate resection.

Scope of application

Applicable to positioning, guiding, evaluation and provision of datum plane in orthopedic surgery of the pelvis, knee, proximal tibia, ankle and diaphysis of lower extremities.

Shoulder Prosthesis

- Innovative design of glenohumeral articular surface ensures higher stability in the range of motion and thus effectively reduce wear.
- Centered and eccentric structures of the humeral head allow better adjustment to the matching position between the humerus head and glenoid cavity.
- The humeral stem includes primary and revision stems, and the optimized morphological design better accommodates the anatomical characteristics of people.



Humeral Stem



Cat. No.	Specification	Product Description
A1200-07130	07x130mm	Product Name: Humeral Stem SP A101 Material: CoCrMo
A1200-08130	08x130mm	
A1200-08170	08x170mm	
A1200-09130	09x130mm	
A1200-10130	10x130mm	
A1200-10170	10x170mm	
A1200-11130	11x130mm	
A1200-12130	12x130mm	
A1200-12170	12x170mm	
A1200-13130	13x130mm	



Humeral Head

Cat. No.	Specification	Product Description
A1300-1540	15x40mm	Product Name: Humeral Head SP B101 Material: CoCrMo
A1300-1840	18x40mm	
A1300-1846	18x46mm	
A1300-2146	21x46mm	
A1300-2446	24x46mm	
A1300-2152	21x52mm	
A1300-2452	24x52mm	

Humeral Head (offset)

Cat. No.	Specification	Product Description
A1301-1540	15x40mm	Product Name: Humeral Head (offset) SP B102 Material: CoCrMo
A1301-1840	18x40mm	
A1301-2140	21x40mm	
A1301-1546	15x46mm	
A1301-1846	18x46mm	
A1301-2146	21x46mm	
A1301-2446	24x46mm	
A1301-2746	27x46mm	
A1301-1852	18x52mm	
A1301-2152	21x52mm	
A1301-2452	24x52mm	
A1301-2752	27x52mm	



Pegged Glenoid

Cat. No.	Specification	Product Description
A1350-40	40mm	Product Name: Pegged Glenoid SP C101 Material: UHMWPE
A1350-46	46mm	
A1350-52	52mm	



Elbow Prosthesis

- Arc design of outer contour of distal humeral prosthesis effectively reduces stress, and triangular body design match canal landscape maximizing stability by minimizing rotation.



- Quadrangular to match canal landscape, to help minimize intramedullary rotation in the ulna



Distal Humerus

Cat. No.	Specification	Product Description
A2100-38102-S	38102-S	Product Name: Distal Humerus EP A101-S
A2100-38152-S	38152-S	Material: Ti6Al4V Surface: Blasting Treatment
A2100-38102-M	38102-M	Product Name: Distal Humerus EP A101-M
A2100-38152-M	38152-M	
A2100-38203-M	38203-M	
A2100-64152-M	64152-M	Material: Ti6Al4V Surface: Blasting Treatment
A2100-64203-M	64203-M	

Proximal Ulna

Cat. No.	Specification	Product Description
A2150-076L-S	076L-S	Product Name: Proximal Ulna EP B101-S
A2150-076R-S	076R-S	
A2150-114L-S	114L-S	Material: Ti6Al4V Surface: Blasting Treatment
A2150-114R-S	114R-S	
A2150-076L-M	076L-M	Product Name: Proximal Ulna EP B101-M
A2150-076R-M	076R-M	
A2150-114L-M	114L-M	Material: Ti6Al4V Surface: Blasting Treatment
A2150-114R-M	114R-M	

Spacer Mold

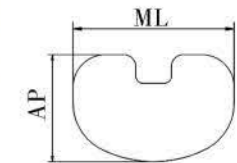


- ⊗ The bone cement shaping mold is made of silicone rubber.
- ⊗ Internal design of cavity and hole for injecting bone cement.
- ⊗ Same cavity profile as knee prosthesis. The bone cement is injected through the hole into the cavity for cooling, and the bone cement model removed after demolding.



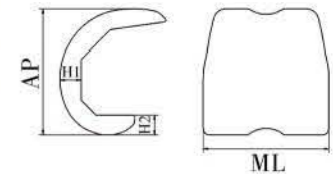
Knee Joint Spacer Mold-Tibial Side

Cat. No.	Specification	Product Description	ML(mm)	AP(mm)
K ZW0301A	XS	Product Name: Knee Joint Spacer Mold-Tibial Side	61	41
K ZW0302A	S		66	45
K ZW0303A	M		71	48
K ZW0304A	L	Material: silicone rubber	76	51
K ZW0305A	XL		81	56



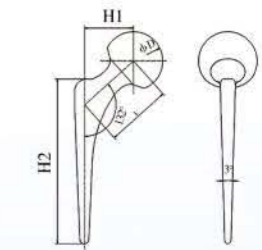
Knee Joint Spacer Mold-Femoral Side

Cat. No.	Specification	Product Description	ML(mm)	AP(mm)
K ZW0401A	XS	Product Name: Knee Joint Spacer Mold-Femoral Side	57	56
K ZW0402A	S		62	61
K ZW0403A	M		67	66
K ZW0404A	L	Material: silicone rubber	72	70
K ZW0405A	XL		77	74



Hip Joint Spacer Mold

Cat. No.	Specification	Product Description	D(mm)	H2(mm)
K ZW0501A	44#	Product Name: Hip Joint Spacer Mold	44	120
K ZW0502A	48#		48	135
K ZW0503A	52#		52	140
K ZW0504A	56#	Material: silicone rubber	56	145
K ZW0505A	60#		60	150



Tornado Disposable Surgical Lavage

- Stable, reliable and safe to use during surgery.
- Clean the surgical field and shorten the procedure time.
- Reduce the incidence of infection and improve the healing rate.
- Adjustable at high and low gear, easy and convenient to wash.



The disposable lavage generates pulsed water flow to flush and vibrate surgical wounds, which can fully remove bone dregs, soft tissue fragments and fat particles, reduce postoperative infection and fat embolism, and obtain a good surgical field. During joint replacement surgery, the bone bed flushed by a disposable lavage can better bind to the bone cement and reduce the early loosening rate of the prosthesis.

The Next.....

