AK MEDICAL

PRODUCT CATALOGUE

Position:

A leading Manufacture
of Arthroplasty Implants in China

Values:

Responsibility, Infinite Pursuit of Quality, Share, Keep Passion.

Vision:

Be realistic: Customer first, Honest and realistic, seeking truth from facts
Be innovative: used to embrace change and dare to make a difference
To share: Be willing to share experience and success
Be passionate: Pursue progress, sprinkle passion, cheer for the progress of every day

Mission:

Strive for Improving the Quality of Life for Hundreds of Millions of Patients

About us

- AK Medical Holding Limited was established in 2003 and listed on the Hong Kong Stock Exchange in 2017 with stock code: 1789.HK. The headquarter is located at No. 10 Baifuquan Road, Changping Science Park, 102200, Beijing, China.

- As a leading company in China's orthopedic implant industry, AK Medical has successively obtained NMPA registration certificates for metal 3D printed implants (Hip Joint System, Artificial Vertebral System, Intervertebral Fusion System). In August 2015, the 3D ACT Artificial Hip Joint System was clinically verified and was approved for marketing, and all relevant core technologies have independent intellectual property rights.

- The ITI (Image To Implant) technology platform launched by AK Medical is another innovation in the field of 3D printing and digitalization: comprehensive preoperative planning allows doctors to know the possible risks during the operation in advance, which shortens the operation time, improves the accuracy of the operation, and also provides an effective guarantee for the safety of the patient.

- In the past ten years, based on 3D ACT technology, AK Medical has successively completed artificial atlantoaxial vertebrae (artificial vertebrae), cervical vertebrae, multi-segment thoracolumbar vertebrae, artificial elbow joint, artificial wrist joint, total knee joint, full sacrum, half pelvis (sacral iliac joint to pubic bone) and many other personalized design prosthesis replacements, which provides surgeons with anatomical reconstruction solutions based on the concept of precision medicine. This provides doctors and patients with wings of imagination, and finally becomes reality!

- It is the long-term strategic goal of AK Medical to becomes a leader in orthopedic field in China. In 2018, through the acquisition of a UK company JRI Orthopaedics Ltd, AK Medical has taken an important step in artificial joint surface technology and overseas market expansion; the acquisition of a Medtronic company, Beijing Libeier Bio-engineering Institute Co., Ltd. at the beginning of 2020 is another major move in the field of spine and trauma.

WE
believe
that we can help
THE PATIENTS WALK NOW AND ALWAYS

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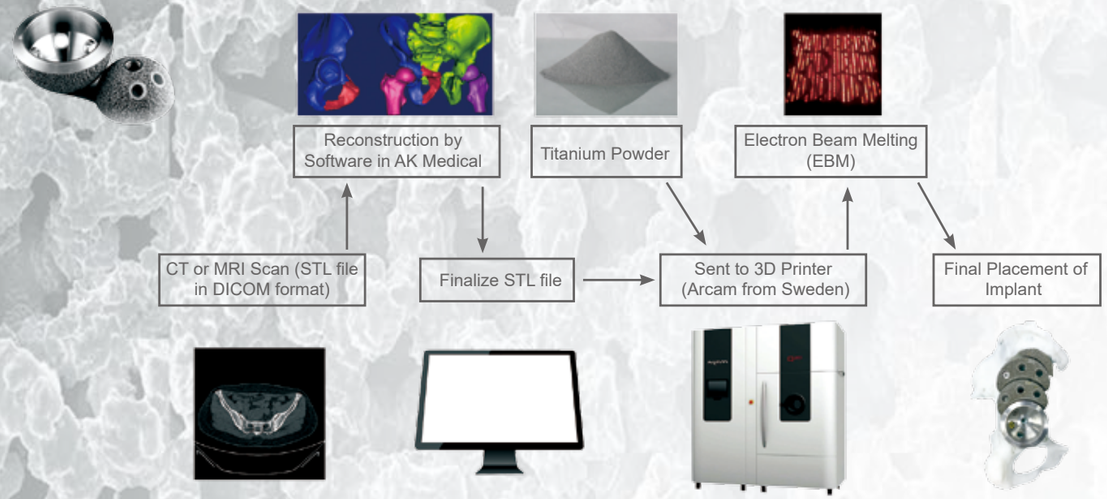
3D ACT Hip System

World's First Breakthrough 3D Printed Hip Joint System Approved by Clinical Trial

China's First Breakthrough 3D Printed Hip Joint System Approved by CFDA

AK MEDICAL

Technical Flow Process



To Order a Customized Implant

Scan

The first step in Customized Implants is sending your patient for a CT/MRI scan. The scan should be at least 0.6mm slice thickness in DICOM format (a STL file). You can copy the file and sent it to us in a CD or just email it to us via the network disk (www. spaces.hightail.com or www.wetransfer.com)

Plan

The second step in Customized Implants Surgery is to get a 3D conversion of your patients CT scan. A 3D conversion is a reconstruction of the patient's diseased region from the CT scan slices. It can also include segmentation of the anatomy into separate 3D layers. Using the very latest in Software technology, the implant size, length and position is planned; vital structures adjacent to the implant are noted and maneuvered.

Implant

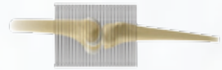
The third step in Customized Implants Surgery is to make the final placement of implant with a professional surgeon.

A3 Cutting Block

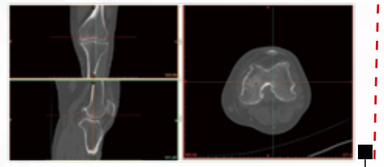
CT Data Requirement

Method I: Provide image data for hip joint, knee joint and ankle joint.

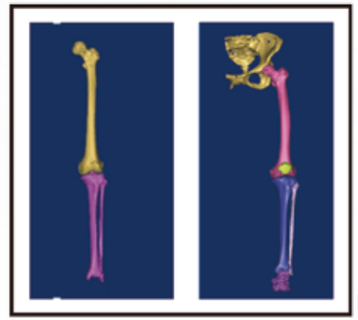
Method II: Provide CT data around knee and lower limb.



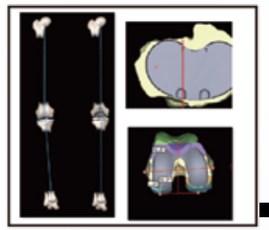
To Order a Cutting Block



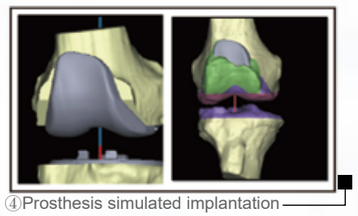
①CT or MRI Scan (STL file in DICOM format)



②Reconstruction by Software in AK Medical

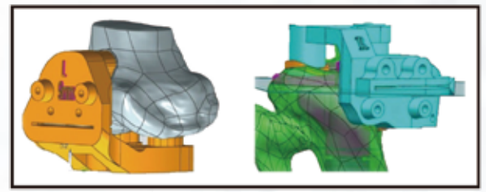


③Surgical planning based on client's inputs

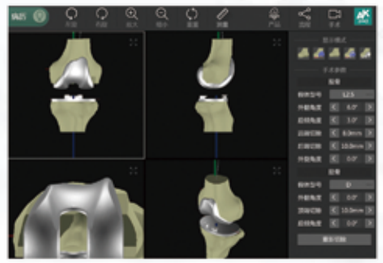


④Prosthesis simulated implantation

⑦Producing cutting block



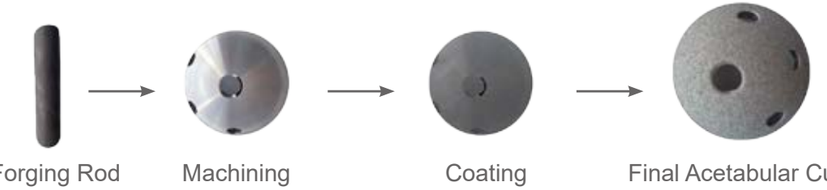
⑥Finalize STL file



⑤Images sent to surgeon----Surgeon approves

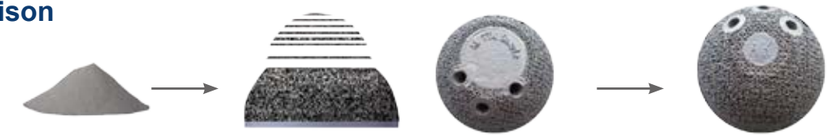
3D Printing Process

- AK 3D printing Trabecular Titanium implants are built via the most advanced Electron Beam Melting (EBM) technology, using a high-energy focused beam to locally melt titanium powders layer upon layer



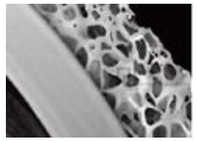
Forging Rod → Machining → Coating → Final Acetabular Cup

Process Comparison

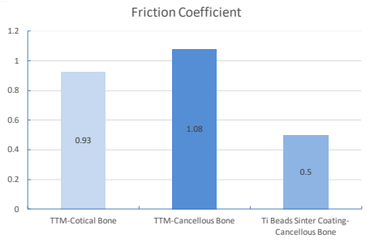


Titanium Powder → EBM Printing Layer upon Layer → Final Acetabular Cup

- The Trabecular Titanium structure is not a coating

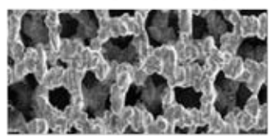


- Overcoming the coating concept, there is no interface between the bulk structure and the porous trabecular surface, no risk of detachment



- The Trabecular Titanium structure is not a coating, but the bone in-growth friendly interconnected 3D-geometric structure, it is created by Electron Beam Melted free from fabricated technology, the effectively long-term osseointegration and biocompatibility have been proved in many published studies

- With the 3D printing technology, it is possible to obtain to a perfectly controlled porosity



Reference	3D ACT System
Diameter	600μm~1000μm
Porosity	60%~90%

3D ACT System

AK-AC-II-TTM-I Acetabular Cup

- Trabecular Metal Technology offers a high coefficient of friction which helps reduce micromotion, enabling tissue growth. Its 3D construct provides a high level of porosity and potential for ostoconductivity allows for more rapid in-growth supporting a vascularized structure to maintain healthy bone. Implant durability leads to longevity and reduced risk for future surgeries;
- Liner ring serration design provides stable fixation between shell and liner and minimizes micromotion.

AK-AC-II-TTM-I Acetabular Cup

Size Ref. (O.D./I.D.)	Cat. No.	Description	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Femoral Head Dia.
38/32	2323-3832	Name: AK-AC-II-TTM-I Acetabular Cup Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure Matched Liner: AK-L-II Liner HXLPE AK-C-Liner Ceramic	32/22	-	-	22
40/32	2323-4032		32/22	-	-	22
42/34	2323-4234		34/22	-	-	22
44/36	2323-4436		36/22	36/28	-	22/28
46/38	2323-4638		38/28	-	-	28
48/40	2323-4840		40/28	-	-	28
50/42	2323-5042		42/28	42/32	-	28/32
52/44	2323-5244		44/28	44/32	-	28/32
54/46	2323-5446		46/28	46/32	46/36	28/32/36
56/48	2323-5648		48/28	48/32	48/36	28/32/36
58/50	2323-5850		50/28	50/32	50/36	28/32/36
60/52	2323-6052		52/28	52/32	52/36	28/32/36
62/54	2323-6254		54/28	54/32	54/36	28/32/36
64/54	2323-6454		54/28	54/32	54/36	28/32/36
66/58	2323-6658		58/28	58/32	58/36	28/32/36
68/58	2323-6858		58/28	58/32	58/36	28/32/36
70/60	2323-7060		60/28	60/32	60/36	28/32/36

AK-AC-II-TTM-V Acetabular Cup

AK-AC-II-TTM-V Acetabular Cup

Size Ref. (O.D./I.D.)	Cat. No.	Description	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Femoral Head Dia.
48/40	2321-4840	Name: AK-AC-II-TTM-V Acetabular Cup Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure Matched Liner: AK-L-II Liner HXLPE AK-C-Liner Ceramic	40/28	-	-	28
50/42	2321-5042		42/28	42/32	-	28/32
52/44	2321-5244		44/28	44/32	-	28/32
54/46	2321-5446		46/28	46/32	46/36	28/32/36
56/48	2321-5648		48/28	48/32	48/36	28/32/36
58/50	2321-5850		50/28	50/32	50/36	28/32/36
60/52	2321-6052		52/28	52/32	52/36	28/32/36
62/54	2321-6254		54/28	54/32	54/36	28/32/36
64/54	2321-6454		54/28	54/32	54/36	28/32/36
66/58	2321-6658		-	58/32	58/36	32/36
68/58	2321-6858		-	58/32	58/36	32/36
70/60	2321-7060		-	60/32	60/36	32/36

Titanium Trabecular Augment

Titanium Trabecular Augment

Type	Size Ref.	Cat. No.	Description
RTX	38/40×10	5002-3810	Name: Titanium Trabecular Augment (RTX) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	42/44×10	5002-4210	
	42/44×15	5002-4215	
	46/48×10	5002-4610	
	46/48×15	5002-4615	
	46/48×20	5002-4620	
	50/52×10	5002-5010	
	50/52×15	5002-5015	
	50/52×20	5002-5020	
	50/52×30	5002-5030	
	54/56×10	5002-5410	
	54/56×15	5002-5415	
	54/56×20	5002-5420	
	54/56×30	5002-5430	
	58/60×10	5002-5810	
	58/60×15	5002-5815	
	58/60×20	5002-5820	
	58/60×30	5002-5830	
	62/64×10	5002-6210	
	62/64×15	5002-6215	
	62/64×20	5002-6220	
	62/64×30	5002-6230	
	66/68×10	5002-6610	
	66/68×15	5002-6615	
	66/68×20	5002-6620	
	66/68×30	5002-6630	
	70/72×10	5002-7010	
	70/72×15	5002-7015	
	70/72×20	5002-7020	
	70/72×30	5002-7030	

MRS

Type	Size Ref.	Cat. No.	Description
BTS	56	A2500-5600	Name: Titanium Trabecular Augment (BTS) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	62	A2500-6200	
	68	A2500-6800	
	56L	A2500-5601	
	62L	A2500-6201	
	68L	A2500-6801	
	56R	A2500-5602	
	62R	A2500-6202	
	68R	A2500-6802	

MRS

Type	Size Ref.	Cat. No.	Description
RES	26mm	A2503-0026	Name: Titanium Trabecular Augment (RES) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	32mm	A2503-0032	
	38mm	A2503-0038	
	44mm	A2503-0044	

MRS

MRS

Type	Size Ref.	Cat. No.	Description
RES-II	26×5	A2513-2605	Name: Titanium Trabecular Augment (RES-II) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	26×8	A2513-2608	
	32×5	A2513-3205	
	32×8	A2513-3208	

MRS/ABM

Type	Size Ref.	Cat. No.	Description
SHM	4/0°	A2501-0400	Name: Titanium Trabecular Augment (SHM) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	4/5°	A2501-0405	
	4/10°	A2501-0410	
	4/15°	A2501-0415	

ABM

Type	Size Ref.	Cat. No.	Description
RTX-III	50/52×10	A2510-5010	Name: Titanium Trabecular Augment (RTX-III) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	50/52×15	A2510-5015	
	50/52×20	A2510-5020	
	50/52×25	A2510-5025	
	54/56×10	A2510-5410	
	54/56×15	A2510-5415	
	54/56×20	A2510-5420	
	54/56×25	A2510-5425	
	58/60×10	A2510-5810	
	58/60×15	A2510-5815	
	58/60×20	A2510-5820	
	58/60×25	A2510-5825	

ABM

Type	Size Ref.	Cat. No.	Description
BTS-II	58RL	A2511-5802	Name: Titanium Trabecular Augment (BTS-II) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	58RS	A2511-5805	
	66RL	A2511-6602	
	66RS	A2511-6605	
	58CL	A2511-5800	
	58CS	A2511-5803	
	66CL	A2511-6600	
	66CS	A2511-6603	
	58LL	A2511-5801	
	58LS	A2511-5804	
	66LL	A2511-6601	
	66LS	A2511-6604	

ABM

Type	Size Ref.	Cat. No.	Description
SHM	4/0°S	A2700-0400	Name: Titanium Trabecular Augment (SHM) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	4/5°S	A2700-0405	
	4/10°S	A2700-0410	
	4/15°S	A2700-0415	

ABM

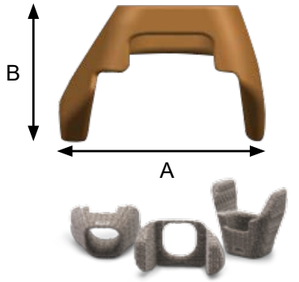
Type	Size Ref.	Cat. No.	Description
RES	20mmM	A2514-2002	Name: Titanium Trabecular Augment (RES) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric Structure
	25mmM	A2514-2502	
	30mmM	A2514-3002	
	35mmM	A2514-3502	

NEW BONE

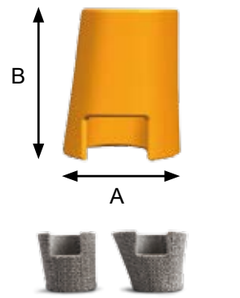
- Excellent osseointegration of 3D printed trabecular metal;
- High porosity, high communication rate porous trabecular structure naturally has the immediate stability and long-term stability required for prosthesis fixation.
- Titanium alloy material avoids bone resorption and has good biocompatibility.
- 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.

New Bone System

Size Ref.	Cat. No.	Description	A Length(mm)	B Height(mm)
L-S30	A1461-S3001	Augment (Lateral Femoral Metaphysis Type A)	45	30
L-S40	A1461-S4001		45	40
L-S+30	A1461-S13001		50	30
L-S+40	A1461-S14001		50	40
L-M30	A1461-M3001		55	30
L-M40	A1461-M4001		55	40
R-S30	A1461-S3002		45	30
R-S40	A1461-S4002		45	40
R-S+30	A1461-S13002		50	30
R-S+40	A1461-S14002		50	40
R-M30	A1461-M3002		55	30
R-M40	A1461-M4002		55	40



Size Ref.	Cat. No.	Description	A Length(mm)	B Height(mm)
L-S30	A1460-S3001	Augment (Femoral Canal Type)	30	30
L-M30	A1460-M3001		35	30
L-L30	A1460-L3001		40	30
R-S30	A1460-S3002		30	30
R-M30	A1460-M3002		35	30
R-L30	A1460-L3002		40	30



Size Ref.	Cat. No.	Description	A Length(mm)	B Height(mm)
S30	A1449-S0030	Augment (Tibial Canal Type)	30	30
M30	A1449-M0030		35	30
L30	A1449-L0030		40	30
XL30	A1449-XL0030		45	30
L40	A1449-L0040		40	40
XL40	A1449-XL0040		45	40

Augment (Distal Femoral TTM)

Size Ref.	Cat. No.	Description	Thickness (mm)
1#5mm	A1459-0105	Augment (Distal Femoral TTM)	5
1#10mm	A1459-0110		10
2#5mm	A1459-0205		5
2#10mm	A1459-0210		10
3#5mm	A1459-0305		5
3#10mm	A1459-0310		10
4#5mm	A1459-0405		5
4#10mm	A1459-0410		10
5#5mm	A1459-0505		5
5#10mm	A1459-0510		10

Augment (Femoral Posterior Condylar TTM)

Size Ref.	Cat. No.	Description	Thickness (mm)
1#5mm	A1457-0105	Augment (Femoral Posterior Condylar TTM)	5
1#10mm	A1457-0110		10
2#5mm	A1457-0205		5
2#10mm	A1457-0210		10
3#5mm	A1457-0305		5
3#10mm	A1457-0310		10
4#5mm	A1457-0405		5
4#10mm	A1457-0410		10
5#5mm	A1457-0505		5
5#10mm	A1457-0510		10

Tibial Augment (Half Block)

Size Ref.	Cat. No.	Description	Thickness (mm)
A 5mm	A1448-0105	Tibial Augment (Half Block)	5
A 10mm	A1448-0110		10
B 5mm	A1448-0205		5
B 10mm	A1448-0210		10
C 5mm	A1448-0305		5
C 10mm	A1448-0310		10
D 5mm	A1448-0405		5
D 10mm	A1448-0410		10
E 5mm	A1448-0505		5
E 10mm	A1448-0510		10

Spine System

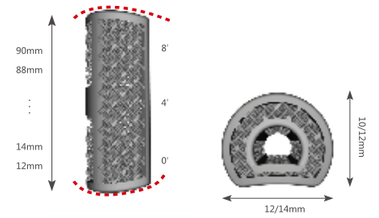
TITAN-Artificial Vertebral Body

- The structure that imitates bone Trabecular Titanium. 80% porosity, 800±200μm pore size. Optimal cell migration and proliferation. Increased production of BMP and anti-inflammatory cytokines.
- Modulus of elasticity close to cancellous bone avoids stress shielding and bone resorption, prevents endplate collapse.
- Biocompatibility and reliable osseointegration.
- Porous surface provides excellent primary stability.

- Curved-shape design with maximum endplate contact, prevents endplate collapse.
- Cervical vertebra: Height 12-90mm, in 2mm increments; Diameter 12/14mm.
- Thoracic & Lumbar vertebra: Height 25-120mm, in 5/10mm increments; Diameter 12*18mm~18*24mm.
- 3 lordosis angles for multiple orthopedic designs.
- Preserved bone graft windows if bone graft is required.

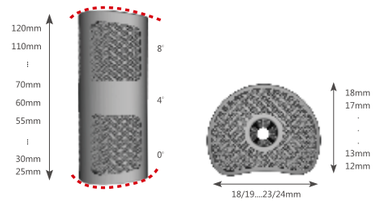
Cervical Vertebrae

Angle	0°, 4°, 8°	
Height	12mm~90mm, in 2mm increment	
Specification	ML (mm)	AP (mm)
	12	10
	14	12



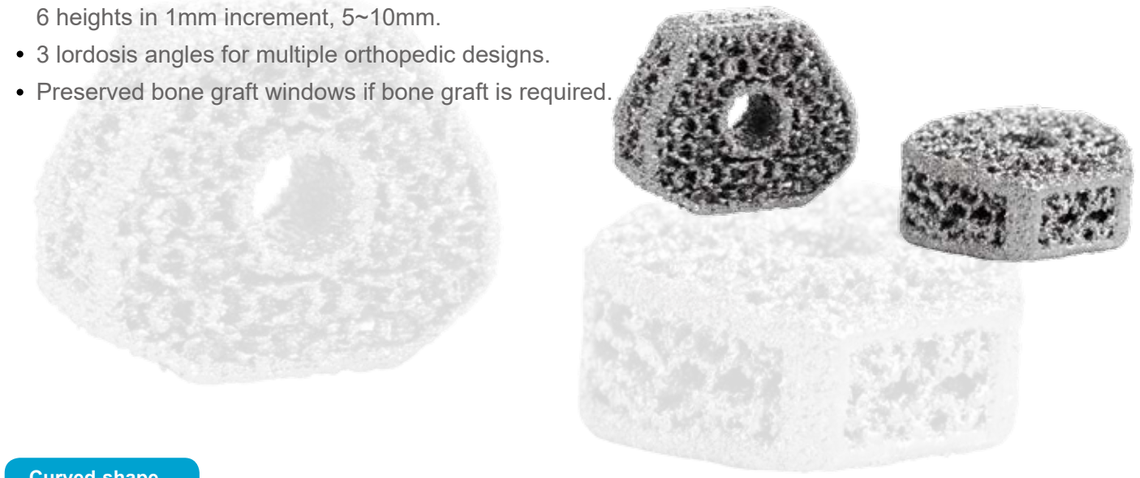
Thoracic & Lumbar Vertebrae

Angle	0°, 4°, 8°	
Height	25mm~60mm, in 5mm increment	
	60mm~120mm, in 10mm increment	
Specification	ML (mm)	AP (mm)
	18	12
	19	13
	20	14
	21	15
	22	16
	23	17
	24	18



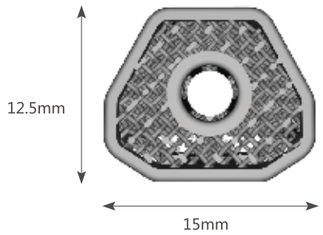
METIS-Artificial Cervical Cage

- Curved-shape design with maximum endplate contact, prevents endplate collapse.
- ML 15mm, AP 12.5mm, wedge-shape, curved-shape.
  6 heights in 1mm increment, 5~10mm.
- 3 lordosis angles for multiple orthopedic designs.
- Preserved bone graft windows if bone graft is required.



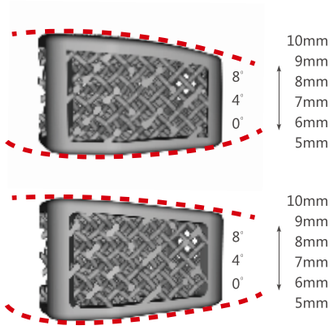
Curved-shape

Cat. No. (0°)	Cat. No. (4°)	Cat. No. (8°)	Height (mm)	ML(mm)	AP(mm)
5025-0405	5025-0445	5025-0485	5	15	12.5
5025-0406	5025-0446	5025-0486	6	15	12.5
5025-0407	5025-0447	5025-0487	7	15	12.5
5025-0408	5025-0448	5025-0488	8	15	12.5
5025-0409	5025-0449	5025-0489	9	15	12.5
5025-0400	5025-0440	5025-0480	10	15	12.5



Wedge-shape

Cat. No. (0°)	Cat. No. (4°)	Cat. No. (8°)	Height (mm)	ML(mm)	AP(mm)
5025-0205	5025-0245	5025-0285	5	15	12.5
5025-0206	5025-0246	5025-0286	6	15	12.5
5025-0207	5025-0247	5025-0287	7	15	12.5
5025-0208	5025-0248	5025-0288	8	15	12.5
5025-0209	5025-0249	5025-0289	9	15	12.5
5025-0200	5025-0240	5025-0280	10	15	12.5



TYPHON-Lateral Lumbar Vertebrae Cage

- TYPHON has an anatomical design which enhances the endplate contact and the bone fusion.
- It has 8 heights available, from 8 to 15 mm with 1 mm increment, and 3 choices of length, 40mm, 45mm and 50mm.
- The Width is constant as 21mm and has a 7° scoliosis angle.

Cat. No.	Description	Type	Specification
5036-0845	Name: Lateral Lumbar Vertebrae Cage Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric structure	YH-b	822/45
5036-0945		YH-b	922/45
5036-1045		YH-b	1022/45
5036-1145		YH-b	1122/45
5036-1245		YH-b	1222/45
5036-1345		YH-b	1322/45
5036-1445		YH-b	1422/45
5036-1545		YH-b	1522/45
5036-0850		YH-b	822/50
5036-0950		YH-b	922/50
5036-1050		YH-b	1022/50
5036-1150		YH-b	1122/50
5036-1250		YH-b	1222/50
5036-1350		YH-b	1322/50
5036-1450		YH-b	1422/50
5036-1550		YH-b	1522/50

ORION-Anterior Cervical Interbody Fusion

- ORION has an anatomical design which enhances the endplate contact and bone fusion.
- 6 heights are available, from 5 to 10mm, with 1mm increment.
- 2 combinations of AP & ML lengths are available, 12x15mm and 13.5x17.5mm.
- It has a 6° lordosis angle, the screw angle is 31° on the sagittal plane and 45° on the coronal plane.

Cat. No.	Description	Type	Specification
5037-0504	Name: Anterior Cervical Interbody Fusion	ZH-b	5/4°
5037-0604		ZH-b	6/4°
5037-0704		ZH-b	7/4°
5037-0804		ZH-b	8/4°
5037-0904		ZH-b	9/4°
5037-1004		ZH-b	10/4°
5037-0514		ZH-b	5/4°
5037-0614		ZH-b	6/4°
5037-0714		ZH-b	7/4°
5037-0814		ZH-b	8/4°
5037-0914		ZH-b	9/4°
5037-1014		ZH-b	10/4°

Cat. No.	Description	Type	Specification
A4506-3510	Name: Anterior Cervical Interbody Fusion Screw	Screw B	3.5×10
A4506-3512		Screw B	3.5×12
A4506-3514		Screw B	3.5×14
A4506-3516		Screw B	3.5×16

ARC-Straight Lumbar Vertebrae Cage

Cat. No.	Description	Type	Specification
5029-0794	Name: Straight Lumbar Vertebrae Cage Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric structure	XX-b	79/4°
5029-0894		XX-b	89/4°
5029-0994		XX-b	99/4°
5029-1094		XX-b	109/4°
5029-1194		XX-b	119/4°
5029-1294		XX-b	129/4°
5029-1394		XX-b	139/4°
5029-1494		XX-b	149/4°
5029-1594		XX-b	159/4°
5029-0714		XX-b	710/4°
5029-0814		XX-b	810/4°
5029-0914		XX-b	910/4°
5029-1104		XX-b	1010/4°
5029-1114		XX-b	1110/4°
5029-1214		XX-b	1210/4°
5029-1314		XX-b	1310/4°
5029-1414		XX-b	1410/4°
5029-1514		XX-b	1510/4°
5029-3116		XX-b	1311/6°
5029-4116		XX-b	1411/6°
5029-5116		XX-b	1511/6°
5025-1245		XX-b	5/4°
5025-1246		XX-b	6/4°
5025-1247		XX-b	7/4°
5025-1248		XX-b	8/4°
5025-1249		XX-b	9/4°
5025-1240		XX-b	10/4°
5025-1285		XX-b	5/8°
5025-1286		XX-b	6/8°
5025-1287		XX-b	7/8°
5025-1288		XX-b	8/8°
5025-1289		XX-b	9/8°
5025-1280		XX-b	10/8°

Space-Bone Graft Lumbar Vertebrae Cage

Cat. No.	Description	Type	Specification
5036-7923	Name: Bone Graft Lumbar Vertebrae Cage Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric structure	YH-b	79/23
5036-8923		YH-b	89/23
5036-9923		YH-b	99/23
5036-0923		YH-b	109/23
5036-1923		YH-b	119/23
5036-2923		YH-b	129/23
5036-3923		YH-b	139/23
5036-4923		YH-b	149/23
5036-5923		YH-b	159/23
5036-7123		YH-b	711/23
5036-8123		YH-b	811/23
5036-9123		YH-b	911/23
5036-0123		YH-b	1011/23
5036-1123		YH-b	1111/23
5036-1223		YH-b	1211/23
5036-1323		YH-b	1311/23
5036-1423		YH-b	1411/23
5036-1523		YH-b	1511/23
5036-7127		YH-b	711/27
5036-8127		YH-b	811/27
5036-9127		YH-b	911/27
5036-0127		YH-b	1011/27
5036-1127		YH-b	1111/27
5036-1227		YH-b	1211/27
5036-1327		YH-b	1311/27
5036-1427		YH-b	1411/27
5036-1527		YH-b	1511/27

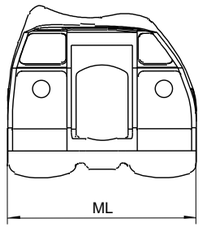
TLIF-Transforaminal Lumbar Interbody Fusion

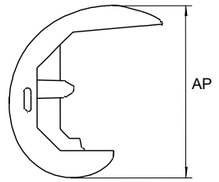
Cat. No.	Description	Type	Specification
5025-0714	Name: Transforaminal Lumbar Interbody Fusion (TLIF) Material: Titanium Alloy Regularly Supplied Surface: Titanium Trabecular Metal, 3D-geometric structure	XH-b	710/4°
5025-0814		XH-b	810/4°
5025-0914		XH-b	910/4°
5025-1104		XH-b	1010/4°
5025-1114		XH-b	1110/4°
5025-1214		XH-b	1210/4°
5025-3116		XH-b	1311/6°
5025-4116		XH-b	1411/6°
5025-5116		XH-b	1511/6°

Knee System

A3 Primary Total Knee System

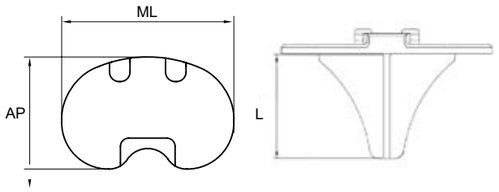
- A3 fix bearing knee system is to provide sufficient articular surface and proper patella tracking as well as rotational freedom to accommodate deep knee flexion up to 145 degree;
- 12 Femoral sizes and 13 tibial sizes provide the best fitting combination;
- Ingenuity curvature design makes sure that any sizes of femoral condylar and tibial insert matches with each other;
- Deep and extended patella groove improves the patella trackability;
- Bolt-locking mechanism gives loosening zero chance.

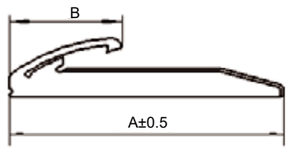




A3 Femoral Condylar

Size Ref.	Cat. No.	Description	ML×AP (mm)
LS1#	6916-1401	Name:A3 Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Left	50×45
LS2#	6916-1402		53×49
L1#	6916-1410		56×52
L1.5#	6916-1415		59×54
L2#	6916-1420		62×57
L2.5#	6916-1425		64×59
L3#	6916-1430		67×61
L3.5#	6916-1435		69×64
L4#	6916-1440		72×66
L5#	6916-1450		74×68
L6#	6916-1460		79×72
L7#	6916-1470		84×76
RS1#	6916-1301	Name: A3 Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Right	50×45
RS2#	6916-1302		53×49
R1#	6916-1310		56×52
R1.5#	6916-1315		59×54
R2#	6916-1320		62×57
R2.5#	6916-1325		64×59
R3#	6916-1330		67×61
R3.5#	6916-1335		69×64
R4#	6916-1340		72×66
R5#	6916-1350		74×68
R6#	6916-1360		79×72
R7#	6916-1370		84×76





A3 Fixed Tibial Tray

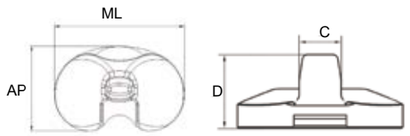
Size Ref.	Cat. No.	Description	ML×AP (mm)	Height L (mm)
S	7107-0001	Name: A3 Fixed Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy	54×36	35
A	7107-0002		59×38	40
B	7107-0003		63×41	40
B+	7107-0013		65×42	40
C	7107-0004		67×43	40
C+	7107-0014		69×45	40
D	7107-0005		71×46	40
D+	7107-0015		73×47	40
E	7107-0006		75×48	40
F	7107-0007		79×51	40
G	7107-0008		83×53	40
H	7107-0009		87×56	40
L	7107-0010		91×58	40

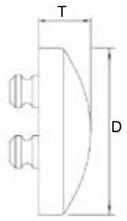
Locking Clip

Size Ref.	Cat. No.	A	B
S	7802-0001	45.5	18.5
M	7802-0002	49	20

A3 PS Tibial Insert

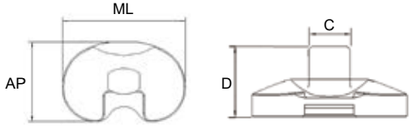
Size Ref.	Cat. No.	Description	ML×AP (mm)	Thickness (mm)	Tibial Tray	C Width (mm)	D Height (mm)
SA#8mm	7222-1008	Name: A3 PS Tibial Insert Regularly Supplied Material: UHMWPE	54×35	6	S, A	16	26
SA#10mm	7222-1010		54×35	8		16	28
SA#12mm	7222-1012		54×35	10		16	30
SA#14mm	7222-1014		54×35	12		16	32
SA#16mm	7222-1016		54×35	14		16	34
BC#8mm	7222-1508		63×40	6	B, B+, C, C+	16	26
BC#10mm	7222-1510		63×40	8		16	28
BC#12mm	7222-1512		63×40	10		16	30
BC#14mm	7222-1514		63×40	12		16	32
BC#16mm	7222-1516		63×40	14		16	34
DE#8mm	7222-2008		71×45	6	D, D+, E	16	26
DE#10mm	7222-2010		71×45	8		16	28
DE#12mm	7222-2012		71×45	10		16	30
DE#14mm	7222-2014		71×45	12		16	32
DE#16mm	7222-2016		71×45	14		16	34
FG#8mm	7222-2508		79×50	6	F, G	16	26
FG#10mm	7222-2510		79×50	8		16	28
FG#12mm	7222-2512		79×50	10		16	30
FG#14mm	7222-2514		79×50	12		16	32
FG#16mm	7222-2516		79×50	14		16	34
HL#8mm	7222-3008		87×55	6	H, L	16	26
HL#10mm	7222-3010		87×55	8		16	28
HL#12mm	7222-3012		87×55	10		16	30
HL#14mm	7222-3014		87×55	12		16	32
HL#16mm	7222-3016		87×55	14		16	34





A3 PS Plus Tibial Insert

Size Ref.	Cat. No.	Description	ML×AP (mm)	Thickness (mm)	Tibial Tray	C Width (mm)	D Height (mm)
SA#8mm	7223-1008	Name: A3 PS Plus Tibial Insert Regularly Supplied Material: UHMWPE	54×35	6	S, A	16.5	26
SA#10mm	7223-1010		54×35	8		16.5	28
SA#12mm	7223-1012		54×35	10		16.5	30
SA#14mm	7223-1014		54×35	12		16.5	32
SA#16mm	7223-1016		54×35	14		16.5	34
BC#8mm	7223-1508		63×40	6	B, B+, C, C+	16.5	26
BC#10mm	7223-1510		63×40	8		16.5	28
BC#12mm	7223-1512		63×40	10		16.5	30
BC#14mm	7223-1514		63×40	12		16.5	32
BC#16mm	7223-1516		63×40	14		16.5	34
DE#8mm	7223-2008		71×45	6	D, D+, E	16.5	26
DE#10mm	7223-2010		71×45	8		16.5	28
DE#12mm	7223-2012		71×45	10		16.5	30
DE#14mm	7223-2014		71×45	12		16.5	32
DE#16mm	7223-2016		71×45	14		16.5	34
FG#8mm	7223-2508		79×50	6	F, G	16.5	26
FG#10mm	7223-2510		79×50	8		16.5	28
FG#12mm	7223-2512		79×50	10		16.5	30
FG#14mm	7223-2514		79×50	12		16.5	32
FG#16mm	7223-2516		79×50	14		16.5	34
HL#8mm	7223-3008		87×55	6	H, L	16.5	26
HL#10mm	7223-3010		87×55	8		16.5	28
HL#12mm	7223-3012		87×55	10		16.5	30
HL#14mm	7223-3014		87×55	12		16.5	32
HL#16mm	7223-3016		87×55	14		16.5	34



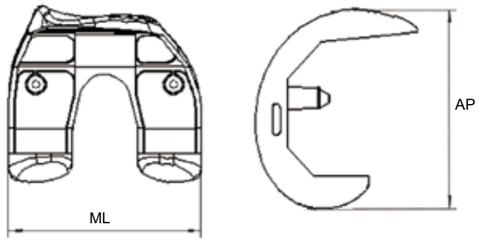
A3 Patella

Size Ref.	Cat. No.	Description	Diameter D(mm)	Thickness T(mm)
S	7303-1701	Name: A3 Patella Regularly Supplied Material: UHMWPE	27	7
M	7303-1702		31	8
L	7303-1703		34	9

A3 GT Personalized Total Knee System

- Both CR and PS knee available;
- Open intercondylar design on CR and PS condylar reduces bone resection;
- Anatomical tibial tray compatible with both CR and PS insert;
- Anatomical prosthesis best adjustable to human body for all races in the world;
- Precise, simple, practical and user-friendly instruments dedicated for surgeons.

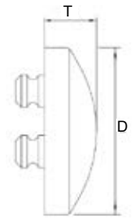
A3 GT CR Femoral Condylar



Size Ref.	Cat. No.	Description	ML×AP (mm)
L1#	6914-1410	Name:A3 GT CR Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Left	56×52
L1.5#	6914-1415		59×54
L2#	6914-1420		62×57
L2.5#	6914-1425		64×59
L3#	6914-1430		67×61
L3.5#	6914-1435		69×64
L4#	6914-1440		72×66
L5#	6914-1450		74×68
L6#	6914-1460		79×72
L7#	6914-1470		84×76
R1#	6914-1310	Name: A3 GT CR Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Right	56×52
R1.5#	6914-1315		59×54
R2#	6914-1320		62×57
R2.5#	6914-1325		64×59
R3#	6914-1330		67×61
R3.5#	6914-1335		69×64
R4#	6914-1340		72×66
R5#	6914-1350		74×68
R6#	6914-1360		79×72
R7#	6914-1370		84×76

A3 GT PS Femoral Condylar

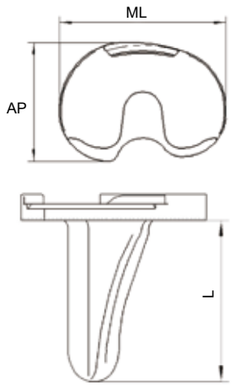
Refer to A3 Femoral Condylar on Page 19



A3 Patella

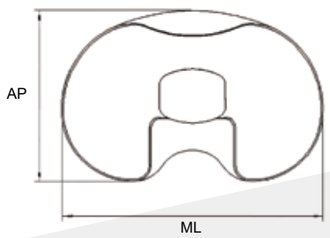
Refer to A3 Patella on Page 20

A3 GT Tibial Tray

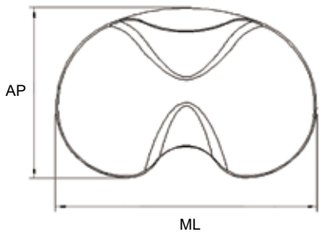


Size Ref.	Cat. No.	Description	ML×AP (mm)	Height L (mm)
LS	A1229-1001	Name: A3 GT Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Left	54×39	35
LA	A1229-1002		59×42	40
LB	A1229-1003		63×45	40
LB+	A1229-1013		65×46	40
LC	A1229-1004		67×47	40
LC+	A1229-1014		69×49	40
LD	A1229-1005		71×51	40
LD+	A1229-1015		73×52	40
LE	A1229-1006		79×53	40
LF	A1229-1007		79×56	40
LG	A1229-1008		83×61	40
RS	A1229-2001	Name: A3 GT Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Right	54×39	35
RA	A1229-2002		59×42	40
RB	A1229-2003		63×45	40
RB+	A1229-2013		65×46	40
RC	A1229-2004		67×47	40
RC+	A1229-2014		69×49	40
RD	A1229-2005		71×51	40
RD+	A1229-2015		73×52	40
RE	A1229-2006		79×53	40
RF	A1229-2007		79×56	40
RG	A1229-2008		83×61	40

A3 GT PS Tibial Insert

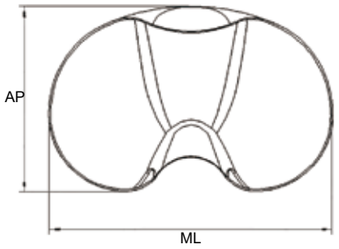


Size Ref.	Cat. No.	Description	ML×AP (mm)	Tibial Tray
SA#8mm	A1328-1008	Name: A3 GT PS Tibial Insert Regularly Supplied Material: UHMWPE	54×36	S, A
SA#10mm	A1328-1010		54×36	
SA#12mm	A1328-1012		54×36	
SA#14mm	A1328-1014		54×36	
SA#16mm	A1328-1016		54×36	
BC#8mm	A1328-1508		63×40	B, B+, C, C+
BC#10mm	A1328-1510		63×40	
BC#12mm	A1328-1512		63×40	
BC#14mm	A1328-1514		63×40	
BC#16mm	A1328-1516		63×40	
DE#8mm	A1328-2008		71×46	D, D+, E
DE#10mm	A1328-2010		71×46	
DE#12mm	A1328-2012		71×46	
DE#14mm	A1328-2014		71×46	
DE#16mm	A1328-2016		71×46	
FG#8mm	A1328-2508		79×51	F, G
FG#10mm	A1328-2510		79×51	
FG#12mm	A1328-2512		79×51	
FG#14mm	A1328-2514		79×51	
FG#16mm	A1328-2516		79×51	



A3 GT Deep Dish Tibial Insert

Size Ref.	Cat. No.	Description	ML×AP (mm)	Tibial Tray
SA#8mm	A1332-1008	Name: A3 GT Deep Dish Tibial Insert Regularly Supplied Material: UHMWPE	54×36	S, A
SA#10mm	A1332-1010		54×36	
SA#12mm	A1332-1012		54×36	
SA#14mm	A1332-1014		54×36	
SA#16mm	A1332-1016		54×36	
BC#8mm	A1332-1508		63×40	B, B+, C, C+
BC#10mm	A1332-1510		63×40	
BC#12mm	A1332-1512		63×40	
BC#14mm	A1332-1514		63×40	
BC#16mm	A1332-1516		63×40	
DE#8mm	A1332-2008		71×46	D, D+, E
DE#10mm	A1332-2010		71×46	
DE#12mm	A1332-2012		71×46	
DE#14mm	A1332-2014		71×46	
DE#16mm	A1332-2016		71×46	
FG#8mm	A1332-2508		79×51	F, G
FG#10mm	A1332-2510		79×51	
FG#12mm	A1332-2512		79×51	
FG#14mm	A1332-2514		79×51	
FG#16mm	A1332-2516		79×51	



A3 GT CR Tibial Insert

Size Ref.	Cat. No.	Description	ML×AP (mm)	Tibial Tray
SA#8mm	A1330-1008	Name: A3 GT CR Tibial Insert Regularly Supplied Material: UHMWPE	54×36	S, A
SA#10mm	A1330-1010		54×36	
SA#12mm	A1330-1012		54×36	
SA#14mm	A1330-1014		54×36	
SA#16mm	A1330-1016		54×36	
BC#8mm	A1330-1508		63×40	B, B+, C, C+
BC#10mm	A1330-1510		63×40	
BC#12mm	A1330-1512		63×40	
BC#14mm	A1330-1514		63×40	
BC#16mm	A1330-1516		63×40	
DE#8mm	A1330-2008		71×46	D, D+, E
DE#10mm	A1330-2010		71×46	
DE#12mm	A1330-2012		71×46	
DE#14mm	A1330-2014		71×46	
DE#16mm	A1330-2016		71×46	
FG#8mm	A1330-2508		79×51	F, G
FG#10mm	A1330-2510		79×51	
FG#12mm	A1330-2512		79×51	
FG#14mm	A1330-2514		79×51	
FG#16mm	A1330-2516		79×51	

TMK Tibial Tray

- TMK condylar and inserts are the same as A3 GT Condylar and A3 GT inserts (Page 19, 22-24)
- 12 Femoral sizes and 16 tibial sizes provide the best-fitting combination;
- Anatomically asymmetrical tibial tray for better tibial coverage, avoids tibial component rotational malposition
- The cement groove design on the back of the tibia tray prevents the tray from loosening
- Cemented and cementless extension stems, suitable for patients with complex primary knee joint surgery

TMK Tibial Tray

Size Ref.	Cat. No.	Description
AR	A1225-0101	Name: TMK Tibial Tray
BR	A1225-0102	
CR	A1225-0201	
DR	A1225-0202	
ER	A1225-0301	
AL	A1225-0302	
BL	A1225-0401	
CL	A1225-0402	
DL	A1225-0501	
EL	A1225-0502	
B+L	A1225-1201	
C+L	A1225-1202	
D+L	A1225-1301	
B+R	A1225-1302	
C+R	A1225-1401	
D+R	A1225-1402	

TMK Cone

Size Ref.	Cat. No.	Description
Φ20x20mm	A1471-2020A	Name: TMK Cone
Φ22x20mm	A1471-2220A	
Φ24x20mm	A1471-2420A	

TMK Extension Stem

Size Ref.	Cat. No.	Description
Φ8x30mm	A1509-0830A	Name: TMK Extension Stem
Φ10x30mm	A1509-1030A	
Φ12x30mm	A1509-1230A	

TMK Stems

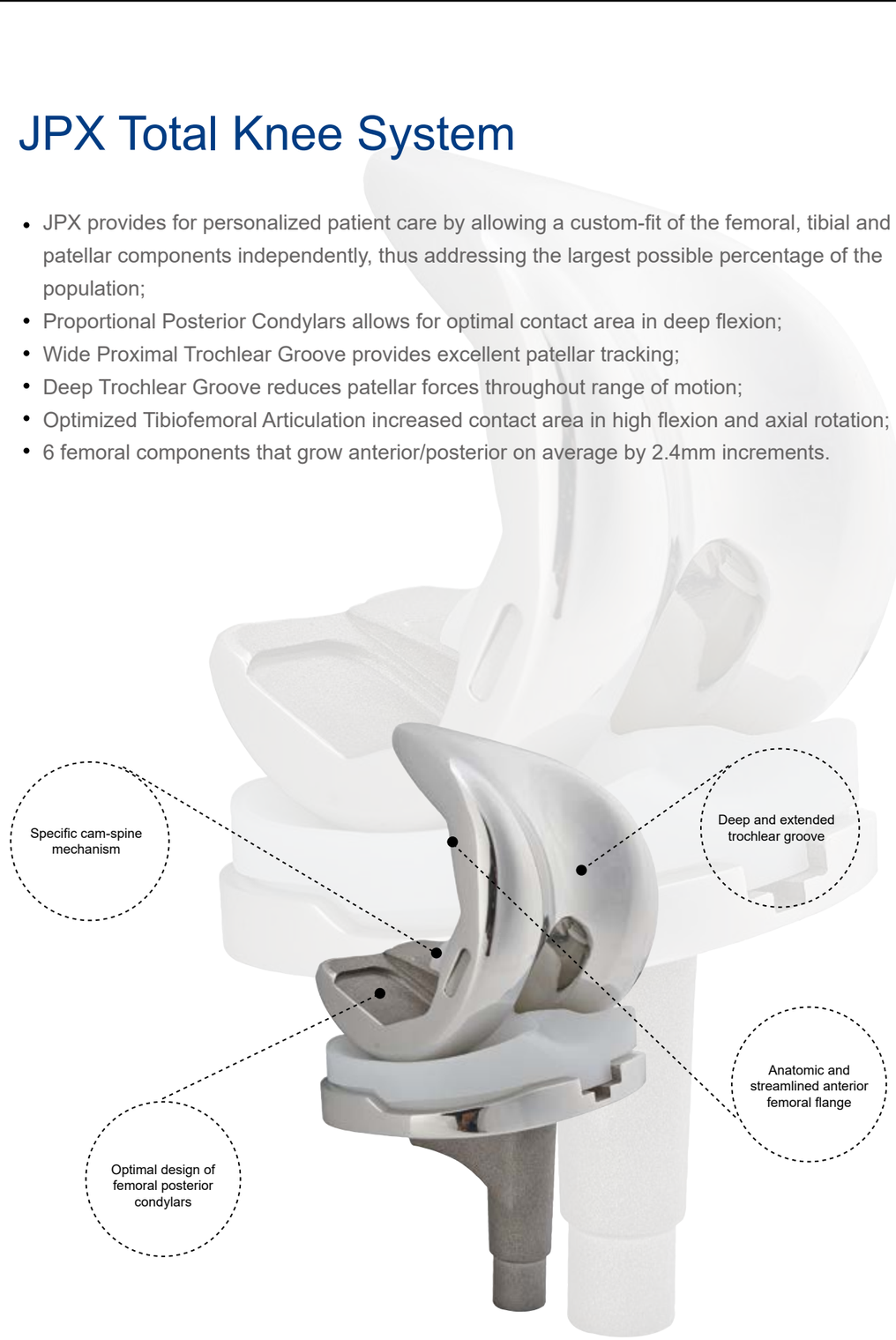
Size Ref.	Cat. No.	Description
Φ20x45mm	A1471-2045A	Name: TMK Stem (Cementless Short)

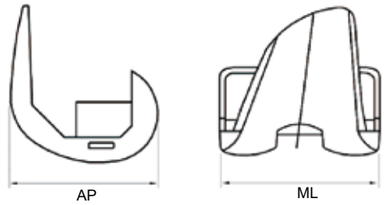
Size Ref.	Cat. No.	Description
Φ20x60mm	A1471-2060A	Name: TMK Stem (Cementless Long)

Size Ref.	Cat. No.	Description
Φ18x60mm	A1509-1860A	Name: TMK Stem (Cemented Long)

JPX Total Knee System

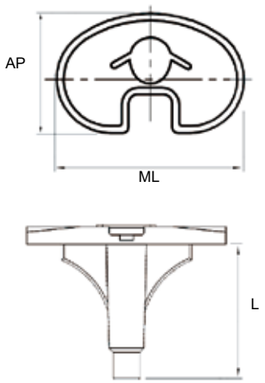
- JPX provides for personalized patient care by allowing a custom-fit of the femoral, tibial and patellar components independently, thus addressing the largest possible percentage of the population;
- Proportional Posterior Condylars allows for optimal contact area in deep flexion;
- Wide Proximal Trochlear Groove provides excellent patellar tracking;
- Deep Trochlear Groove reduces patellar forces throughout range of motion;
- Optimized Tibiofemoral Articulation increased contact area in high flexion and axial rotation;
- 6 femoral components that grow anterior/posterior on average by 2.4mm increments.





JPX Femoral Condylar

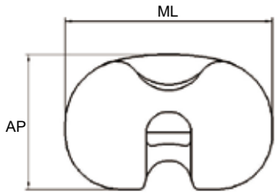
Size Ref.	Cat. No.	Description	ML×AP (mm)
L1#	6912-1401	Name: JPX Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. : Left	62×52
L2#	6912-1402		65×56
L2.5#	6912-1425		67.5×57.5
L3#	6912-1403		70×59
L3.5#	6912-1435		72×60.5
L4#	6912-1404		74×62
L5#	6912-1405		75×65
L6#	6912-1406		78×68
R1#	6912-1301	Name: JPX Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy Side Ref. :Right	62×52
R2#	6912-1302		65×56
R2.5#	6912-1325		67.5×57.5
R3#	6912-1303		70×59
R3.5#	6912-1335		72×60.5
R4#	6912-1304		74×62
R5#	6912-1305		75×65
R6#	6912-1306		78×68



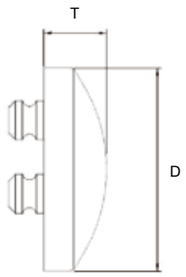
JPX Fixed Tibial Tray

Size Ref.	Cat. No.	Description	ML×AP (mm)	Height L (mm)
1#	7101-1601	Name: JPX Fixed Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy	62×37	40
1+	7101-1611		64×39	40
2#	7101-1602		66×42	40
2+	7101-1612		69×45	40
3#	7101-1603		72×48	50
3+	7101-1613		74×50	50
4#	7101-1604		77×53	50

JPX Tibial Insert



Size Ref.	Cat. No.	Description	Thickness (mm)	ML×AP (mm)	Tibial Tray
1#8mm	7214-1508	Name: JPX Tibial Insert Regularly Supplied Material: UHMWPE	6	62×37	1#, 1+
1#10mm	7214-1510		8	62×37	
1#12mm	7214-1512		10	62×37	
1#15mm	7214-1515		13	62×37	
2#8mm	7214-2508		6	66×42	2#, 2+
2#10mm	7214-2510		8	66×42	
2#12mm	7214-2512		10	66×42	
2#15mm	7214-2515		13	66×42	
3#8mm	7214-3508		6	72×47	3#, 3+
3#10mm	7214-3510		8	72×47	
3#12mm	7214-3512		10	72×47	
3#15mm	7214-3515		13	72×47	
4#8mm	7214-4508		6	77×53	4#
4#10mm	7214-4510		8	77×53	
4#12mm	7214-4512		10	77×53	
4#15mm	7214-4515		13	77×53	

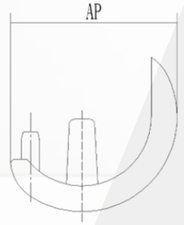


JPX Patella

Size Ref.	Cat. No.	Description	Diameter D(mm)	Thickness T(mm)
Small	7301-1701	Name: JPX Patella Regularly Supplied Material: UHMWPE	27	9
Medium	7301-1702		29	9

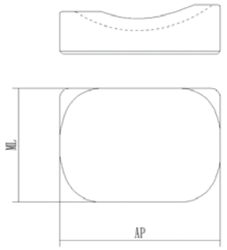
AMK Mobile-bearing Unicompartmental Knee

- Extended Posterior Condylar Up to 150° High Flexion
- The internal spherical design reduces bone removal amount, reducing stress concentration
- The spherical design of the joint surface maximizes the contact area and minimizes the contact stress
- Anatomical shape for optimal bone coverage
- Anterior and posterior anti-rotation design to reduce the risk of insert dislocation
- Highly polished tibial tray reduces insert wear
- Multiple tray sizes for maximum bone coverage



AMK Femoral Condylar

Size Ref.	Cat. No.	Description	ML×AP (mm)
1#	A1102-5110	Name: AMK Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy	17×38
2.5#	A1102-5125		19.2×41
3.5#	A1102-5135		20.7×45
5#	A1102-5150		22.2×48
7#	A1102-5170		24×51.5

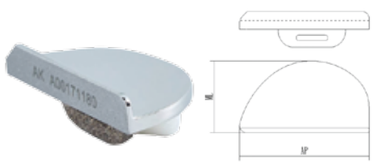


AMK Tibial Insert

Size Ref.	Cat. No.	Description	ML×AP (mm)
RM 1#3mm	A1341-1003	Name: AMK Tibial Insert Material: UHMWPE(Ultrahigh molecular weight polyethylene) Regularly Supplied	20×27.5
RM 1#4mm	A1341-1004		20×27.5
RM 1#5mm	A1341-1005		20×27.5
RM 1#6mm	A1341-1006		20×27.5
RM 1#7mm	A1341-1007		20×27.5
RM 1#8mm	A1341-1008		20×27.5
RM 1#9mm	A1341-1009		20×27.5
RM 2.5#3mm	A1341-2503		22.2×31.2
RM 2.5#4mm	A1341-2504		22.2×31.2
RM 2.5#5mm	A1341-2505		22.2×31.2
RM 2.5#6mm	A1341-2506		22.2×31.2
RM 2.5#7mm	A1341-2507		22.2×31.2
RM 2.5#8mm	A1341-2508		22.2×31.2
RM 2.5#9mm	A1341-2509		22.2×31.2
RM 3.5#3mm	A1341-3503		23.7×33.7
RM 3.5#4mm	A1341-3504		23.7×33.7
RM 3.5#5mm	A1341-3505		23.7×33.7
RM 3.5#6mm	A1341-3506		23.7×33.7
RM 3.5#7mm	A1341-3507		23.7×33.7
RM 3.5#8mm	A1341-3508		23.7×33.7
RM 3.5#9mm	A1341-3509		23.7×33.7
RM 5#3mm	A1341-5003		25.2×36.2
RM 5#4mm	A1341-5004		25.2×36.2
RM 5#5mm	A1341-5005		25.2×36.2
RM 5#6mm	A1341-5006		25.2×36.2
RM 5#7mm	A1341-5007		25.2×36.2
RM 5#8mm	A1341-5008		25.2×36.2
RM 5#9mm	A1341-5009		25.2×36.2

Size Ref.	Cat. No.	Description	ML×AP (mm)
LM 1#3mm	A1342-1003	Name: AMK Tibial Insert Material: UHMWPE(Ultrahigh molecular weight polyethylene) Regularly Supplied	20×27.5
LM 1#4mm	A1342-1004		20×27.5
LM 1#5mm	A1342-1005		20×27.5
LM 1#6mm	A1342-1006		20×27.5
LM 1#7mm	A1342-1007		20×27.5
LM 1#8mm	A1342-1008		20×27.5
LM 1#9mm	A1342-1009		20×27.5
LM 2.5#3mm	A1342-2503		22.2×31.2
LM 2.5#4mm	A1342-2504		22.2×31.2
LM 2.5#5mm	A1342-2505		22.2×31.2
LM 2.5#6mm	A1342-2506		22.2×31.2
LM 2.5#7mm	A1342-2507		22.2×31.2
LM 2.5#8mm	A1342-2508		22.2×31.2
LM 2.5#9mm	A1342-2509		22.2×31.2
LM 3.5#3mm	A1342-3503		23.7×33.7
LM 3.5#4mm	A1342-3504		23.7×33.7
LM 3.5#5mm	A1342-3505		23.7×33.7
LM 3.5#6mm	A1342-3506		23.7×33.7
LM 3.5#7mm	A1342-3507		23.7×33.7
LM 3.5#8mm	A1342-3508		23.7×33.7
LM 3.5#9mm	A1342-3509		23.7×33.7
LM 5#3mm	A1342-5003		25.2×36.2
LM 5#4mm	A1342-5004		25.2×36.2
LM 5#5mm	A1342-5005		25.2×36.2
LM 5#6mm	A1342-5006		25.2×36.2
LM 5#7mm	A1342-5007		25.2×36.2
LM 5#8mm	A1342-5008		25.2×36.2
LM 5#9mm	A1342-5009		25.2×36.2

AMK Tibial Tray



Size Ref.	Cat. No.	Description	ML×AP(mm)
RM A	A1231-3110	Name: AMK Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy	24×45.2
RM B	A1231-3120		26×45.2
RM C	A1231-3130		26×48.4
RM D	A1231-3140		28×51.6
RM E	A1231-3150		30×54.8
RM F	A1231-3160		32×58
RM G	A1231-3170		34.1×61.4
LM A	A1231-3210		24×45.2
LM B	A1231-3220		26×45.2
LM C	A1231-3230		26×48.4
LM D	A1231-3240		28×51.6
LM E	A1231-3250		30×54.8
LM F	A1231-3260		32×58
LM G	A1231-3270		34.1×61.4

AFK Fixed-bearing Unicompartmental Knee

- Extended posterior condyle facilitates prosthetic rollback and can achieve 155° high flexion
- Flat insert against the spherical surface of the femoral condyle brings unrestricted joint movement
- Highly cross-linked polyethylene achieves lower wear
- New locking mechanism ensures tibial insert fixation and reduces back wear
- Multiple tray sizes for maximum bone coverage
- Reduces risk of tray loosening with fixation wings and columns

AFK Femoral Condylar

Size Ref.	Cat. No.	Description	ML×AP (mm)
LM/RL 1#	A1102-2210	Name: AFK Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy	18.5×40
LM/RL 2#	A1102-2220		19×42.5
LM/RL 3#	A1102-2230		20×45
LM/RL 4#	A1102-2240		21×48
LM/RL 5#	A1102-2250		22×51.5
LM/RL 6#	A1102-2260		23×55.5
LL/RM 1#	A1102-2110		18.5×40
LL/RM 2#	A1102-2120		19×42.5
LL/RM 3#	A1102-2130		20×45
LL/RM 4#	A1102-2140		21×48
LL/RM 5#	A1102-2150		22×51.5
LL/RM 6#	A1102-2160		23×55.5

AFK Tibial Tray

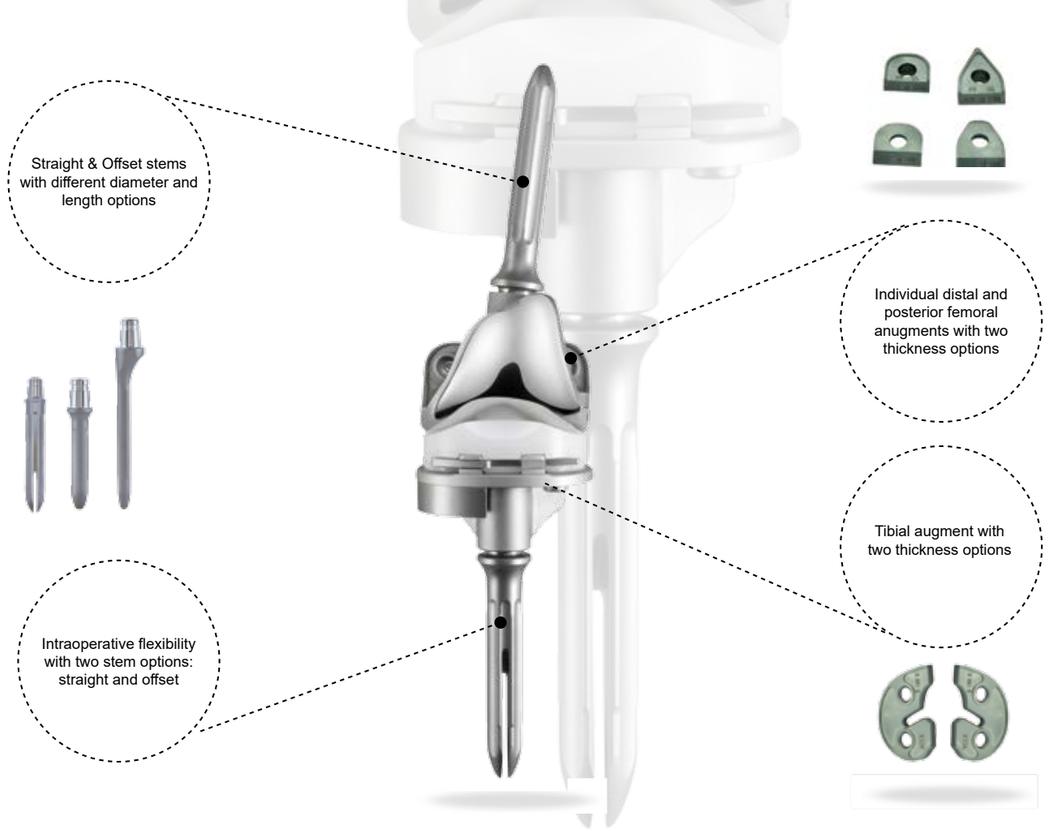
Size Ref.	Cat. No.	Description	ML×AP (mm)
LM/RL A	A1231-5210	Name: AFK Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy	23×41
LM/RL B	A1231-5220		25×44
LM/RL C	A1231-5230		27×47
LM/RL D	A1231-5240		29×50
LM/RL E	A1231-5250		31×53
LM/RL F	A1231-5260		33×56
LL/RM A	A1231-5110		23×41
LL/RM B	A1231-5120		25×44
LL/RM C	A1231-5130		27×47
LL/RM D	A1231-5140		29×50
LL/RM E	A1231-5150		31×53
LL/RM F	A1231-5160		33×56

AFK Tibial Insert

Size Ref.	Cat. No.	Description	ML×AP (mm)	Tibial Tray	Tibial Tray
6mm	A1339-2A06	Name: AFK Tibial insert Material: UHMWPE(Ultrahigh molecular weight polyethylene) Regularly Supplied	22×35.5×6	LM/RL A	LL/RM A
7mm	A1339-2A07		22×35.5×7	LM/RL B	LL/RM B
8mm	A1339-2A08		22×35.5×8	LM/RL C	LL/RM C
9mm	A1339-2A09		22×35.5×9	LM/RL D	LL/RM D
10mm	A1339-2A10		22×35.5×10	LM/RL E	LL/RM E
11mm	A1339-2A11		22×35.5×11	LM/RL F	LL/RM F
6mm	A1339-2B06		24×38.5×6	LM/RL A	LL/RM A
7mm	A1339-2B07		24×38.5×7	LM/RL B	LL/RM B
8mm	A1339-2B08		24×38.5×8	LM/RL C	LL/RM C
9mm	A1339-2B09		24×38.5×9	LM/RL D	LL/RM D
10mm	A1339-2B10		24×38.5×10	LM/RL E	LL/RM E
11mm	A1339-2B11		24×38.5×11	LM/RL F	LL/RM F
6mm	A1339-2C06		26×41.5×6	LM/RL A	LL/RM A
7mm	A1339-2C07		26×41.5×7	LM/RL B	LL/RM B
8mm	A1339-2C08		26×41.5×8	LM/RL C	LL/RM C
9mm	A1339-2C09		26×41.5×9	LM/RL D	LL/RM D
10mm	A1339-2C10		26×41.5×10	LM/RL E	LL/RM E
11mm	A1339-2C11		26×41.5×11	LM/RL F	LL/RM F
6mm	A1339-2D06		28×44.5×6	LM/RL A	LL/RM A
7mm	A1339-2D07		28×44.5×7	LM/RL B	LL/RM B
8mm	A1339-2D08		28×44.5×8	LM/RL C	LL/RM C
9mm	A1339-2D09		28×44.5×9	LM/RL D	LL/RM D
10mm	A1339-2D10		28×44.5×10	LM/RL E	LL/RM E
11mm	A1339-2D11		28×44.5×11	LM/RL F	LL/RM F
6mm	A1339-2E06		30×47.5×6	LM/RL A	LL/RM A
7mm	A1339-2E07		30×47.5×7	LM/RL B	LL/RM B
8mm	A1339-2E08		30×47.5×8	LM/RL C	LL/RM C
9mm	A1339-2E09		30×47.5×9	LM/RL D	LL/RM D
10mm	A1339-2E10		30×47.5×10	LM/RL E	LL/RM E
11mm	A1339-2E11		30×47.5×11	LM/RL F	LL/RM F
6mm	A1339-2F06		32×50.5×6	LM/RL A	LL/RM A
7mm	A1339-2F07		32×50.5×7	LM/RL B	LL/RM B
8mm	A1339-2F08		32×50.5×8	LM/RL C	LL/RM C
9mm	A1339-2F09		32×50.5×9	LM/RL D	LL/RM D
10mm	A1339-2F10		32×50.5×10	LM/RL E	LL/RM E
11mm	A1339-2F11		32×50.5×11	LM/RL F	LL/RM F

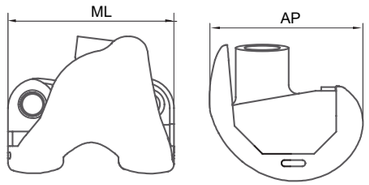
ACCK Revision Knee System

- ACCK is intended for patients who, in the surgeon's judgment, require additional prosthetic stabilization due to inadequate mediolateral, anteroposterior, and varus/valgus ligament function, and require augmentation and/or stem extensions due to inadequate bone stock;
- For use when both cruciate ligaments are excised and when greater varus/valgus constraint is required;
- ACCK can be used with augments and stem extensions, provides for personalized patient care by allowing a custom-fit of the femoral, tibial and patellar components independently, thus addressing the largest possible percentage of the population;
- High flexion up to 145 degree;
- Intraoperative flexibility with cylinder and offset extension stem;
- Ingenuity curvature design make sure any size of femoral implant fits with any size of tibial insert;
- Individual femoral and tibial augments with two different thicknesses;
- Bolt-Locking mechanism gives loosening zero chances.



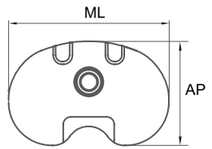
ACCK Femoral Condylar

Size Ref.	Cat. No.	Description	ML×AP (mm)
L1	6915-1410	Name: ACCK Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy	56×52
L2	6915-1420		62×57
L3	6915-1430		67×61
L4	6915-1440		72×66
L5	6915-1450		74×68
L6#	6915-1460		79×72
L7#	6915-1470		84×76
R1	6915-1310		56×52
R2	6915-1320		62×57
R3	6915-1330		67×61
R4	6915-1340		72×66
R5	6915-1350		74×68
R6#	6915-1360		79×72
R7#	6915-1370		84×76

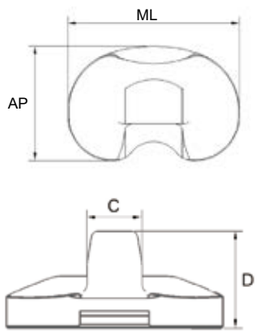


ACCK Tibial Tray

Size Ref.	Cat. No.	Description	ML×AP (mm)
A	7106-0002	Name: ACCK Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy	59×38
B	7106-0003		63×41
C	7106-0004		67×43
D	7106-0005		71×46
E	7106-0006		75×48
F	7106-0007		79×51
G	7106-0008		83×53

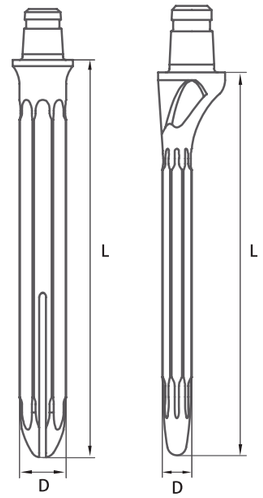


ACCK Tibial Insert



Size Ref.	Cat. No.	Description	ML×AP (mm)	Tibial Tray	C Width (mm)	D Height (mm)
SA10mm	7224-1010	Name: ACCK Tibial Insert Regularly Supplied Material: UHMWPE	54×35	A	18.2	31
SA12mm	7224-1012		54×35		18.2	33
SA14mm	7224-1014		54×35		18.2	35
SA16mm	7224-1016		54×35		18.2	37
SA18mm	7224-1018		54×35		18.2	39
SA20mm	7224-1020		54×35		18.2	41
SA22mm	7224-1022		54×35		18.2	43
BC10mm	7224-1510		63×40	B and C	18.2	31
BC12mm	7224-1512		63×40		18.2	33
BC14mm	7224-1514		63×40		18.2	35
BC16mm	7224-1516		63×40		18.2	37
BC18mm	7224-1518		63×40		18.2	39
BC20mm	7224-1520		63×40		18.2	41
BC22mm	7224-1522		63×40		18.2	43
DE10mm	7224-2010		71×45	D and E	18.2	31
DE12mm	7224-2012		71×46		18.2	33
DE14mm	7224-2014		71×47		18.2	35
DE16mm	7224-2016		71×48		18.2	37
DE18mm	7224-2018		71×49		18.2	39
DE20mm	7224-2020		71×50		18.2	41
DE22mm	7224-2022		71×51		18.2	43
FG8mm	7224-2508		79×51	F and G	18.2	29
FG10mm	7224-2510		79×51		18.2	31
FG12mm	7224-2512		79×51		18.2	33
FG14mm	7224-2514		79×51		18.2	35
FG16mm	7224-2516		79×51		18.2	37
FG18mm	7224-2518		79×51		18.2	39
FG20mm	7224-2520		79×51		18.2	41
FG22mm	7224-2522		79×51		18.2	43

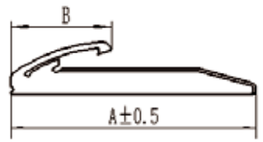
ACCK Extension Stem



Type	Cat. No.	Description	Length × Dia. (mm)
Straight	7403-8008	Name: ACCK Extension Stem Regularly Supplied Material: Titanium Alloy	80×8
	7403-8010		80×10
	7403-8012		80×12
	7404-8014		80×14
	7404-8016		80×16
	7404-8018		80×18
	7403-1208		120×8
	7403-1210		120×10
	7403-1212		120×12
	7404-1214		120×14
	7404-1216		120×16
	7404-1218		120×18

Type	Cat. No.	Description	Length × Dia. (mm)
Offset	7405-8008	Name: ACCK Extension Stem Regularly Supplied Material: Titanium Alloy	80×8
	7405-8010		80×10
	7405-8012		80×12
	7405-8014		80×14
	7405-8016		80×16
	7405-8018		80×18
	7405-1208		120×8
	7405-1210		120×10
	7405-1212		120×12
	7405-1214		120×14
	7405-1216		120×16
	7405-1218		120×18

Locking Clip



Size	Cat. No.	A(mm)	B(mm)
S	7802-0001	45.5	18.5
M	7802-0002	49	20

Distal Femoral Augment

Size Ref.	Cat. No.	Description	Thickness (mm)
1#5mm	7604-1005	Name: Distal Femoral Augment Regularly Supplied Material: Titanium Alloy	5
1#10mm	7604-1010		10
2#5mm	7604-2005		5
2#10mm	7604-2010		10
3#5mm	7604-3005		5
3#10mm	7604-3010		10
4#5mm	7604-4005		5
4#10mm	7604-4010		10
5#5mm	7604-5005		5
5#10mm	7604-5010		10
6#5mm	7604-6005		5
6#10mm	7604-6010		10
7#5mm	7604-7005		5
7#10mm	7604-7010		10

Posterior Femoral Augment

Size Ref.	Cat. No.	Description	Thickness (mm)
1#5mm	7605-1005	Name: Posterior Femoral Augment Regularly Supplied Material: Titanium Alloy	5
1#10mm	7605-1010		10
2#5mm	7605-2005		5
2#10mm	7605-2010		10
3#5mm	7605-3005		5
3#10mm	7605-3010		10
4#5mm	7605-4005		5
4#10mm	7605-4010		10
5#5mm	7605-5005		5
5#10mm	7605-5010		10
6#5mm	7605-6005		5
6#10mm	7605-6010		10
7#5mm	7605-7005		5
7#10mm	7605-7010		10

Tibial Augment (Half Block)

Size Ref.	Cat. No.	Description	Thickness (mm)
A 5mm	7703-1005	Name: Tibial Augment (Half Block) Regularly Supplied Material: Titanium Alloy	5
A 10mm	7703-1010		10
B 5mm	7703-1505		5
B 10mm	7703-1510		10
C 5mm	7703-2005		5
C 10mm	7703-2010		10
D 5mm	7703-2505		5
D 10mm	7703-2510		10
E 5mm	7703-3005		5
E 10mm	7703-3010		10
F 5mm	7703-3505		5
F 10mm	7703-3510		10
G 5mm	7703-4005		5
G 10mm	7703-4010		10

AK Hinge Knee System

- Loading mode approaches to the primary, 95% condylar loading through the tibial Tray.
- The central location of the AHK mechanism is placed closer to the axis of the tibial component, resulting in more natural and consistent tibio-femoral kinematics.
- The central location of the hinge axis keeps the femoral condyles in a consistent sagittal plane.This allows for more normal patellar tracking since the patella does not shift posteriorly during flexion.
- Femoral condylartakes advantage of A3 patella design, bone cuts from intercondylar are the same as those made for Primary Components. This helps to minimize bone loss.

The ratio of conformity between the femoral condyles and tibial articular surface is virtually 1 to 1.

AHK can be used with the 3D Trabecular Metal Tibial and Femoral Cones that address those most difficult bone-loss scenarios.

It allows up to 25 degrees of movement in internal and external rotation.

Flexible modular design

Locking mechanism design offers a maximum "jump height" of 42 mm.

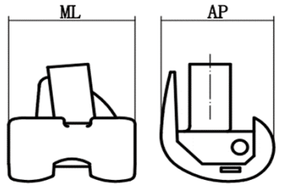
AHK can use A3/ACCK system instruments to simplify surgery.

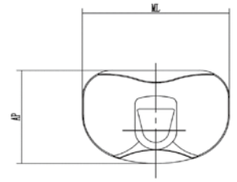
AHK Femoral Condylar

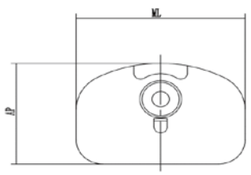
Size Ref.	Cat. No.	Description	ML×AP (mm)
0#/L	7904-1100	Name: AHK Femoral Condylar Regularly Supplied Material: Co-Cr-Mo Alloy	56×56
1#/L	7904-1101		58×58
2#/L	7904-1102		64×58
3#/L	7904-1103		72×60
3+#/L	7904-1124		74.5×61.5
0#/R	7904-1200		56×56
1#/R	7904-1201		58×58
2#/R	7904-1202		64×58
3#/R	7904-1203		72×60
3+#/R	7904-1224		74.5×61.5

AHK Tibial Tray

Size Ref.	Cat. No.	Description	ML×AP (mm)
1#	8005-1301	Name: AHK Tibial Tray Regularly Supplied Material: Co-Cr-Mo Alloy	59×38
2#	8005-1302		63×41
3#	8005-1303		67×43
4#	8005-1304		71×46
5#	8005-1305		75×48







AHK Tibial Insert

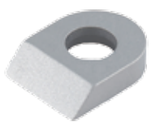
Size Ref.	Cat. No.	Description	ML×AP (mm)
0#8mm	8108-0208	Name: AHK Tibial Insert Regularly Supplied Material: UHMWPE	55×35
0#10mm	8108-0210		55×35
0#12mm	8108-0212		55×35
0#14mm	8108-0214		55×35
0#16mm	8108-0216		55×35
0#18mm	8108-0218		55×35
1#8mm	8108-1208		58×42
1#10mm	8108-1210		58×42
1#12mm	8108-1212		58×42
1#14mm	8108-1214		58×42
1#16mm	8108-1216		58×42
1#18mm	8108-1218		58×42
2#8mm	8108-2208		64×44
2#10mm	8108-2210		64×44
2#12mm	8108-2212		64×44
2#14mm	8108-2214		64×44
2#16mm	8108-2216		64×44
2#18mm	8108-2218		64×44
3#8mm	8108-3208		72×46
3#10mm	8108-3210		72×46
3#12mm	8108-3212		72×46
3#14mm	8108-3214		72×46
3#16mm	8108-3216		72×46
3#18mm	8108-3218		72×46

AHK Extension Stem

Type	Cat. No.	Description	LengthxDia. (mm)
IV	8661-3010	Name: AHK Extension Stem Regularly Supplied Material: Tianium Alloy	Φ10×30
	8661-6008		Φ8×60
	8661-6010		Φ10×60
	8661-6012		Φ12×60
	8661-6014		Φ14×60
	8661-6016		Φ16×60
	8661-6018		Φ18×60
	8661-8008		Φ8×80
	8661-8010		Φ10×80
	8661-8012		Φ12×80
	8661-8014		Φ14×80
	8661-8016		Φ16×80
	8661-8018		Φ18×80

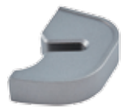
AHK Distal Femoral Augment

Size Ref.	Cat. No.	Description	Thickness (mm)
7#5mm	8300-7105	Name: Distal Femoral Augment Regularly Supplied Material: Titanium Alloy	5
7#10mm	8300-7110		10
1#5mm	8300-1105		5
1#10mm	8300-1110		10
2#5mm	8300-2105		5
2#10mm	8300-2110		10
3#5mm	8300-3105		5
3#10mm	8300-3110		10



AHK Posterior Femoral Augment

Size Ref.	Cat. No.	Description	Thickness (mm)
7#5mm	8301-7105	Name: AHK Posterior Femoral Augment Regularly Supplied Material: Titanium Alloy	5
7#10mm	8301-7110		10
1#5mm	8301-1105		5
1#10mm	8301-1110		10
2#5mm	8301-2105		5
2#10mm	8301-2110		10
3#5mm	8301-3105		5
3#10mm	8301-3110		10



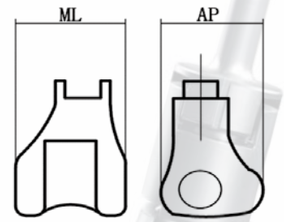
AHK Tibial Augment(half block)

Size Ref.	Cat. No.	Description	Thickness (mm)
1#5mm	8400-1105	Name: AHK Tibial Augment (half block) Regularly Supplied Material: Titanium Alloy	5
1#10mm	8400-1110		10
2#5mm	8400-2105		5
2#10mm	8400-2110		10
3#5mm	8400-3105		5
3#10mm	8400-3110		10
4#5mm	8400-4105		5
4#10mm	8400-4110		10
5#5mm	8400-5105		5
5#10mm	8400-5110		10

AK Tumor Knee System

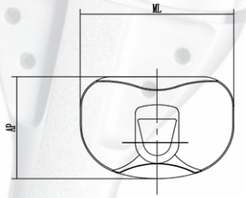
AK-TKS Tumor Condylar

Size Ref.	Cat. No.	Description	ML×AP (mm)
1#L	7906-1101	Name: Tumor Condylar Regularly Supplied Material: Titanium Alloy	58×58
1#R	7906-1201		58×58



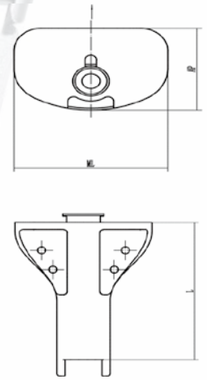
AHK Tibial Insert

Size Ref.	Cat. No.	Description	ML×AP (mm)
1#8mm	8108-1208	Name: AHK Tibial Insert Regularly Supplied Material: UHMWPE	58×41
1#10mm	8108-1210		58×41
1#12mm	8108-1212		58×41
1#14mm	8108-1214		58×41
1#16mm	8108-1216		58×41
1#18mm	8108-1218		58×41

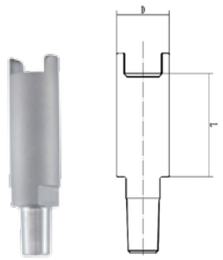


AK-TKS Tibial Tray

Size Ref.	Cat. No.	Description	ML×AP (mm)	Height L (mm)
3#80mm	8008-1309	Name：Tumor Tibial Tray Regularly Supplied Material: Titanium Alloy	67×44	80

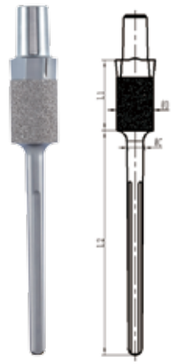


AK-THS Distal Femoral Stem - Type I



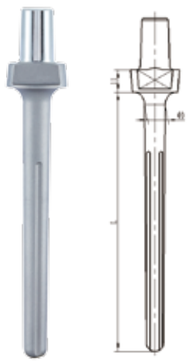
Size Ref.	Cat. No.	Description	Proximal Stem Length (L)	Stem Dia. (D)
30mm	8700-1030	Name: AK-THS Tumor Femoral Stem Type I Regularly Supplied Material: Titanium Alloy Taper: 12/14	30	26
40mm	8700-1040		40	26
50mm	8700-1050		50	26
60mm	8700-1060		60	26
70mm	8700-1070		70	26
80mm	8700-1080		80	26
90mm	8700-1090		90	26
100mm	8700-1100		100	26

AK-THS Distal Femoral Stem - Type II



Size Ref.	Cat. No.	Description	Proximal Stem Length (L1)	Proximal Stem Length (L2)	Stem Dia. (C)	Stem Dia. (D)
Ø9×102	8701-0910	Name: AK-THS Tumor Femoral Stem Type II Regularly Supplied Material: Titanium Alloy Taper: 12/14	40	102	9	22
Ø11×127	8701-1112		40	127	11	24
Ø13×127	8701-1312		40	127	13	28
Ø15×127	8701-1512		40	127	15	32
Ø17×127	8701-1712		40	127	17	36

AK-THS Distal Femoral Stem - Type III



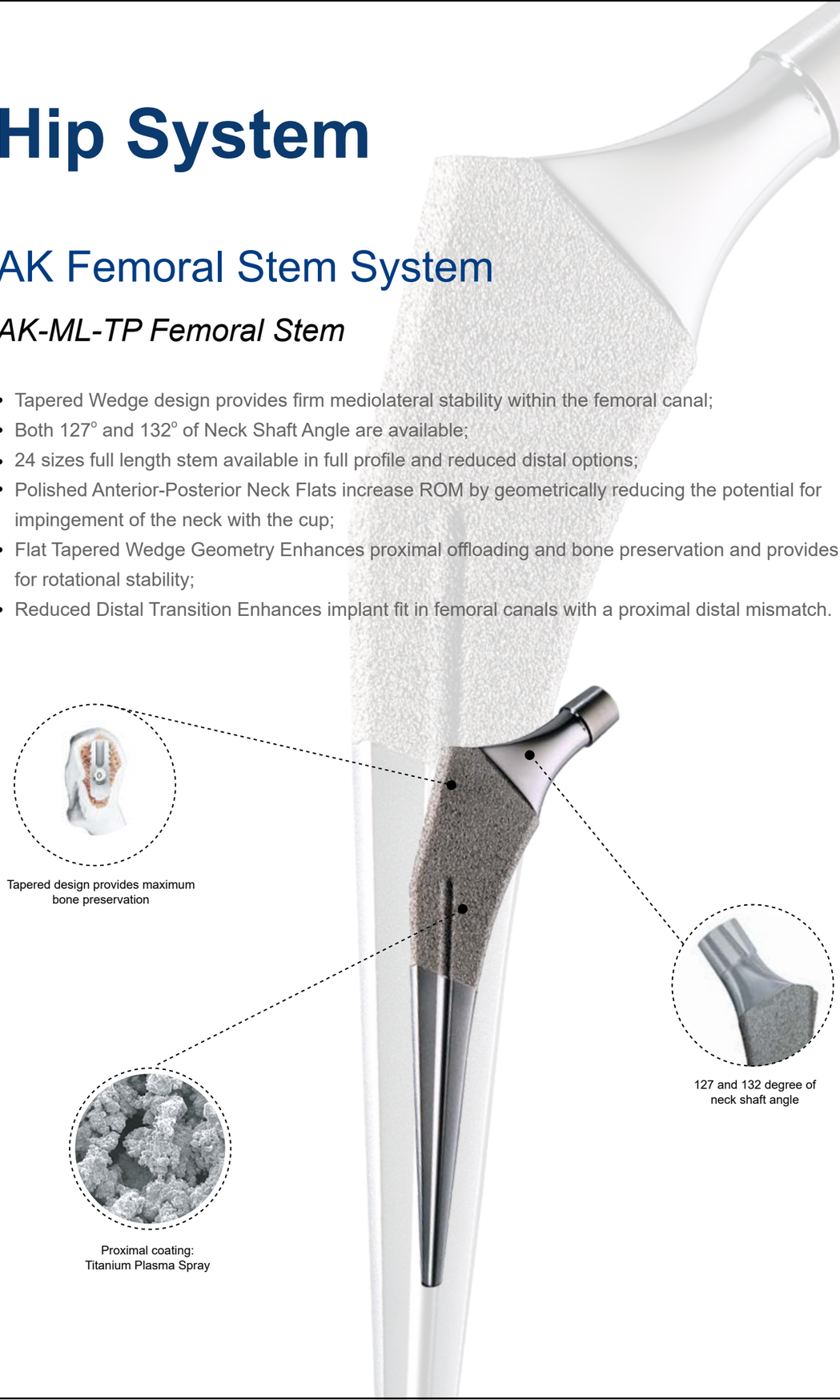
Size Ref.	Cat. No.	Description	Stem Dia. (D)	Stem Length (L)
4#/Ø9/102/10	8702-0911	Name: AK-THS Tumor Femoral Stem Type III Regularly Supplied Material: Titanium Alloy Taper: 12/14	9	102
7#/Ø11/102/10	8702-1111		11	102
10#/Ø11/127/10	8702-1121		11	127
13#/Ø13/127/10	8702-1321		13	127
16#/Ø15/127/10	8702-1521		15	127
19#/Ø17/127/10	8702-1721		17	127

Hip System

AK Femoral Stem System

AK-ML-TP 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.



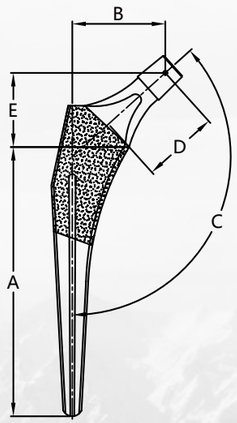
Tapered design provides maximum bone preservation

127 and 132 degree of neck shaft angle

Proximal coating:
Titanium Plasma Spray

AK-ML-TP Femoral Stem (127°)

Size Ref.	Cat. No.	Discription	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (D)	Neck Height (E)	Distal Dia.
1#	1100-3801	Name: AK-ML-TP Femoral Stem (127°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. plasma spray Taper: 12/14	127°	110	39	31	27	5
2#	1100-3802			115	40	31	27	7.5
2.5#	1100-3825			118	41	31	27	9
3#	1100-3803			120	45	36	30	10
3.5#	1100-3835			124	46	36	30	11
4#	1100-3804			125	47	36	30	12.5
4.5#	1100-3845			129	48	36	30	13.5
5#	1100-3805			130	50	38	31	15
5.5#	1100-3855			133	50	38	31	16.5
6#	1100-3806			135	51	38	31	17.5
7#	1100-3807			140	54	41	33	20
8#	1100-3808			145	56	41	33	22.5



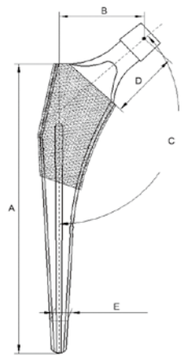
AK-ML-TP Femoral Stem (132°)

Size Ref.	Cat. No.	Discription	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (D)	Neck Height (E)	Distal Dia.
1#	1100-2801	Name: AK-ML-TP Femoral Stem (132°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. plasma spray Taper: 12/14	132°	110	36	31	30	5
2#	1100-2802			115	37	31	30	7.5
2.5#	1100-2825			118	38	31	30	9
3#	1100-2803			120	42	36	33	10
3.5#	1100-2835			124	42	36	33	11
4#	1100-2804			125	43	36	34	12.5
4.5#	1100-2845			129	44	36	34	13.5
5#	1100-2805			130	45	38	35	15
5.5#	1100-2855			133	46	38	35	16.5
6#	1100-2806			135	47	38	35	17.5
7#	1100-2807			140	50	41	37	20
8#	1100-2808			145	51	41	37	22.5

AK-ML-II-TP Femoral Stem (Short Stem)

- Preserve large trochanter bone mass
- Easy surgical implantation
- Prevent thigh pain
- More suitable for DAA

AK-ML-II-TP Femoral Stem (Short Stem)

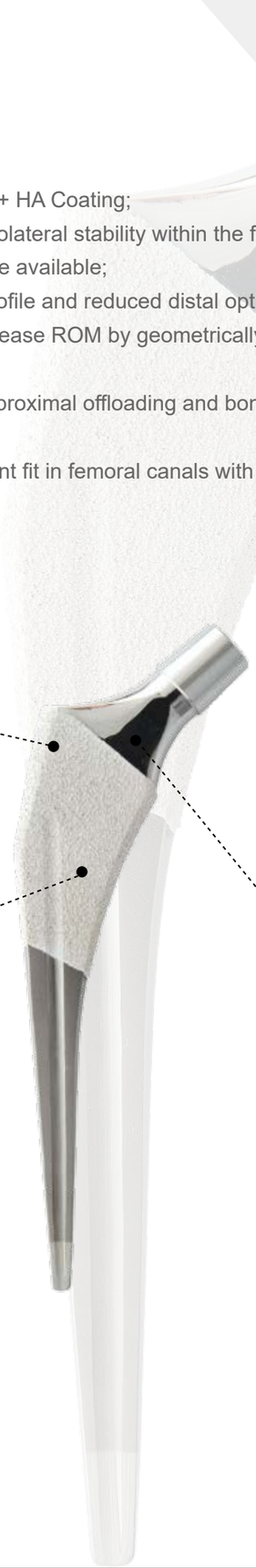


Size Ref.	Cat. No.	Discription	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (D)	Distal Dia. (E)
0#	A2105-0100	Name: AK-ML-II-TP Femoral Stem (Short Stem) Regularly Supplied Material: Titanium Alloy	132°	93	28	27	5.7
1#	A2105-0101			96	29	27	8
2#	A2105-0102			99	33	30	8.2
3#	A2105-0103			102	35	30	9
4#	A2105-0104			105	38	35	10.5
5#	A2105-0105			108	39	35	12.3
6#	A2105-0106			111	40	35	13.7
7#	A2105-0107			114	45	37	13.4
8#	A2105-0108			117	47	37	14
9#	A2105-0109			120	49	37	16
10#	A2105-0110			123	51	40	16.9
11#	A2105-0111			126	53	40	17

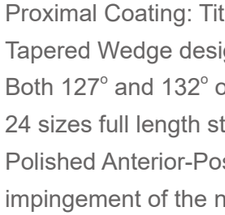
AK-ML-TH Femoral Stem

- 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.

Tapered design provides maximum bone preservation



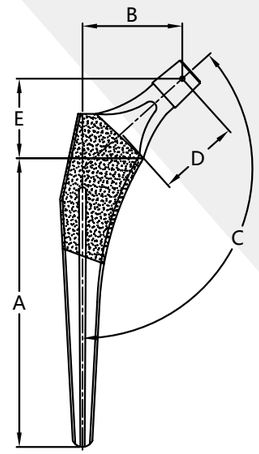
127 and 132 degree of neck shaft angle



Proximal coating: Titanium Plasma Spray and Hydroxyapatite Coating

AK-ML-TH Femoral Stem(127°)

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (D)	Neck Height (E)	Distal Dia.
1#	1100-3201	Name: AK-ML-TH Femoral Stem(127°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. + HA plasma spray Taper: 12/14	127°	110	39	31	27	5
2#	1100-3202			115	40	31	27	7.5
2.5#	1100-3225			118	41	31	27	9
3#	1100-3203			120	45	36	30	10
3.5#	1100-3235			124	46	36	30	11
4#	1100-3204			125	47	36	30	12.5
4.5#	1100-3245			129	48	36	30	13.5
5#	1100-3205			130	50	38	31	15
5.5#	1100-3255			133	50	38	31	16.5
6#	1100-3206			135	51	38	31	17.5
7#	1100-3207			140	54	41	33	20
8#	1100-3208			145	56	41	33	22.5

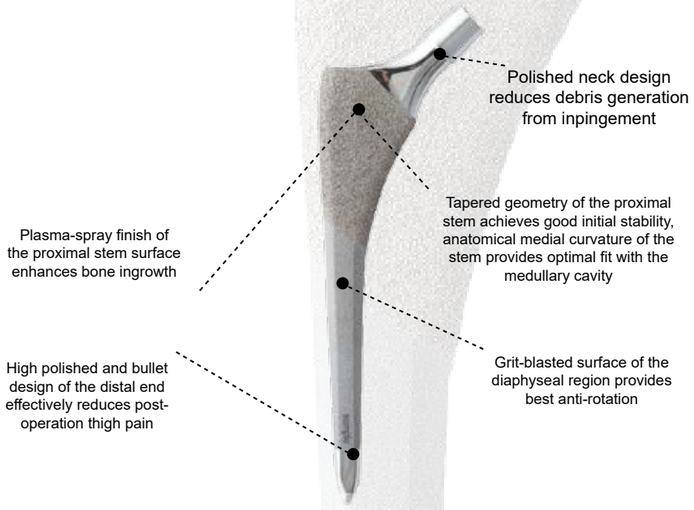


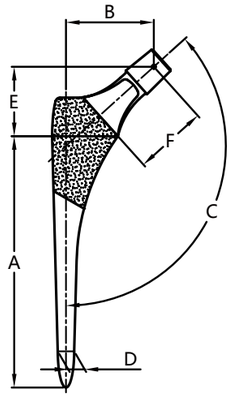
AK-ML-TH Femoral Stem(132°)

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (D)	Neck Height (E)	Distal Dia.
1#	1100-3301	Name: AK-ML-TH Femoral Stem(132°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. + HA plasma spray Taper: 12/14	132°	110	36	31	30	5
2#	1100-3302			115	37	31	30	7.5
2.5#	1100-3325			118	38	31	30	9
3#	1100-3303			120	42	36	33	10
3.5#	1100-3335			124	42	36	33	11
4#	1100-3304			125	43	36	34	12.5
4.5#	1100-3345			129	44	36	34	13.5
5#	1100-3305			130	45	38	35	15
5.5#	1100-3355			133	46	38	35	16.5
6#	1100-3306			135	47	38	35	17.5
7#	1100-3307			140	50	41	37	20
8#	1100-3308			145	51	41	37	22.5

AK-MP-TP Femoral Stem

- MP stem is cementless designs developed following the classic tapered stem philosophy;
- Polished bullet-shape distal tip reduces distal stresses;
- MP stem is precision manufactured from high-strength forged titanium alloy and incorporate a 3-degree biplanar taper;
- Each stem has a medially rounded, laterally flared, proximal cross-sectional geometry that has been refined for optimal fit and fill and rotational stability.





AK-MP-TP Femoral Stem (132°)

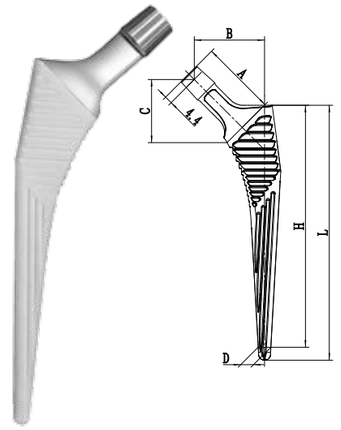
Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (F)	Neck Height (E)	Distal Dia. (D)
7#	1100-2007	Name: AK-MP-TP Femoral Stem (132°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. plasma spray Taper: 12/14	132°	110	39	33	31	7
8#	1100-2008			115	39	33	31	8
9#	1100-2009			120	40	33	32	9
10#	1100-2020			130	40	33	32	10
11#	1100-2011			130	42	35	34	11
12#	1100-2012			140	44	37	35	12
13#	1100-2013			150	45	38	36	13
14#	1100-2014			150	45	39	37	14
15#	1100-2015			156	46	39	37	15
16#	1100-2016			158	47	40	38	16

AK-MP-TH Femoral Stem (132°)

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Neck Length (F)	Neck Height (E)	Distal Dia. (D)
7#	1100-3507	Name: AK-MP-TH Femoral Stem (132°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. + HA plasma spray Taper: 12/14	132°	110	39	33	31	7
8#	1100-3508			115	39	33	31	8
9#	1100-3509			120	40	33	32	9
10#	1100-3510			130	40	33	32	10
11#	1100-3511			130	42	35	34	11
12#	1100-3512			140	44	37	35	12
13#	1100-3513			150	45	38	36	13
14#	1100-3514			150	45	39	37	14
15#	1100-3515			156	46	39	37	15
16#	1100-3516			158	47	40	38	16

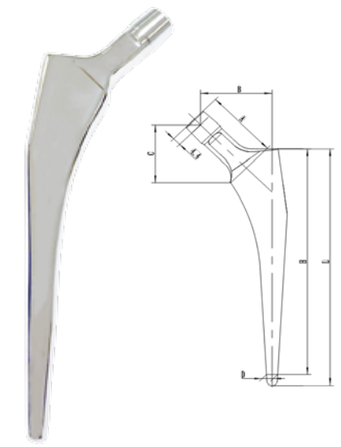
AK-CL Femoral Stem

- The CL stem gives primary mechanical stability with good optimum filling;
- Low-profile lateral shoulder design enables easy insertion in reduced incision techniques, especially the anterior approach;
- Double Coated stem with 50 μm pure titanium and 150 μm HA coating;
- CL hip system is manufactured from forged titanium alloy (Ti-6Al-4V) ensuring high fatigue resistance and biocompatibility;
- The double taper trapezoidal design resists axial and torsional displacement providing excellent stability;
- Metaphyseal flare ensures maximum fixation and load transfer into the proximal femur.



AK-CL-TH Femoral Stem (135°)

Size Ref.	Cat. No.	Description	Neck Shaft Angle	Neck Length (A)	Offset (B)	Neck Height (C)	Distal Dia.(D)	Stem Length(H)	Stem Length(L)
2#	1100-4202	Name: AK-CL-TH Femoral Stem (135°) Regularly Supplied Material: Titanium Alloy Surface Coating: Ti. + HA plasma spray Taper: 12/14	135°	38	35.0	32.3	5.7	124	130
3#	1100-4203			41	38.1	34.5	6.6	134	140
4#	1100-4204			41	38.6	34.5	7.2	138	145
5#	1100-4205			41	39.6	34.5	8.6	143	150
6#	1100-4206			41	40.1	34.5	9.2	147	155
7#	1100-4207			41	40.6	34.5	9.5	153	160
8#	1100-4208			41	41.6	34.5	10.9	158	165
9#	1100-4209			41	42.1	34.5	11.5	162	170
10#	1100-4210			41	43.1	34.5	12.4	172	180
11#	1100-4211			41	44.1	34.5	13.4	181	190

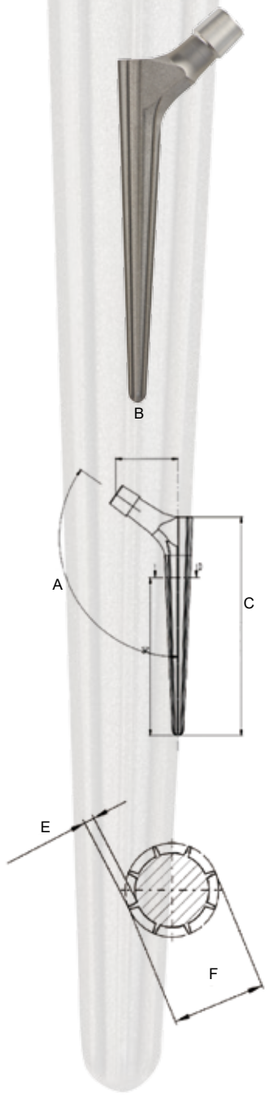


AK-CLS-Cemented Femoral Stem (135°)

Cat. No.	Description	Size Ref.	Neck Length (A)	Offset (B)	Neck Height (C)	Distal Dia. (D)	Stem Length (H)	Stem Length (L)
A2209-1001	Name: AK-CLS-Cemented Femoral Stem (135°) Customized Supplied Taper: 12/14	1#	35	31.8	30.3	5.4	109	115
A2209-1002		2#	38	35	32.3	5.7	124	130
A2209-1003		3#	41	38.1	34.5	6.6	134	140
A2209-1004		4#	41	38.6	34.5	7.2	138	145
A2209-1005		5#	41	39.6	34.5	8.6	143	150
A2209-1006		6#	41	40.1	34.5	9.2	147	155
A2209-1007		7#	41	40.6	34.5	9.5	153	160
A2209-1008		8#	41	41.6	34.5	10.9	158	165
A2209-1009		9#	41	42.1	34.5	11.5	162	170
A2209-1010		10#	41	43.1	34.5	12.4	172	180
A2209-1011		11#	41	44.1	34.5	13.4	181	190

AK-SL-Cone Femoral Stem

- Uncemented fixation based on the positive experience with the SL Revision Stem;
- CCD-angle of 125° and 135°;
- Conical shape with a cone angle of 5°;
- 8 Sharp longitudinal ribs;
- Free setting of antetorsion;
- Titanium alloy with a rough blasted surface (ProtasulTM-100);
- Stem Diameter from Φ 13 mm to Φ 23 mm;
- Designed for difficult bone conditions at the proximal end of the femur;
- Deformities of the femurs in which fixation of a standard prosthesis is difficult;
- Simple Revisions.



AK-SL-Cone Femoral Stem (125°)

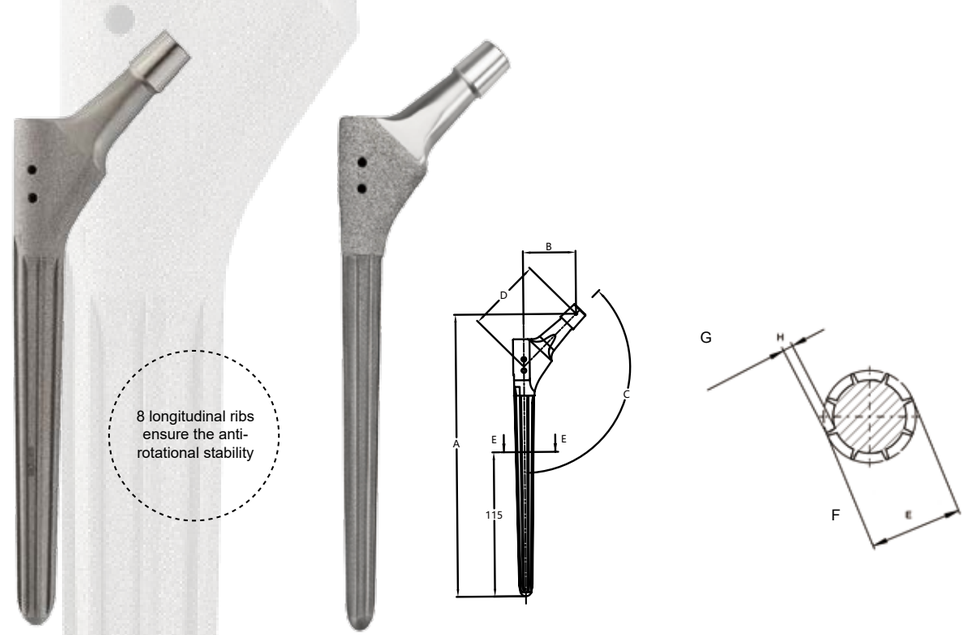
Size Ref.	Cat. No.	Description	Neck Shaft Angle	Rib Height (E)	Distal Dia. (F)	Stem Dia. (D)	Offset (B)	Stem Length (C)
0#	1100-2900	Name: AK-SL-Cone Femoral Stem (125°) Regularly Supplied Material: Titanium Alloy Surface Coating: Grit-blasted Taper: 12/14	125°	1	6.2	13	28	115
1#	1100-2901			1	6.4	14	32	125
2#	1100-2902			1	7.4	15	33	125
3#	1100-2903			1.5	8.5	16	33	125
4#	1100-2904			1.5	9.5	17	34	125
5#	1100-2905			1.5	10.5	18	35	125
6#	1100-2906			2	11.6	19	36	125
7#	1100-2907			2	12.6	20	37	125
8#	1100-2908			2	13.7	21	38	125
9#	1100-2909			2	14.8	22	38	125
10#	1100-2910			2.5	15.8	23	39	125

AK-SL-Cone Femoral Stem (135°)

Size Ref.	Cat. No.	Description	Neck Shaft Angle	Rib Height (E)	Distal Dia. (F)	Stem Dia. (D)	Offset (B)	Stem Length (C)
11#	1100-2911	Name: AK-SL-Cone Femoral Stem (135°) Regularly Supplied Material: Titanium Alloy Surface Coating: Grit-blasted Taper: 12/14	135°	1	6.2	13	26	115
12#	1100-2912			1	6.4	14	30	125
13#	1100-2913			1	7.4	15	30	125
14#	1100-2914			1.5	8.5	16	31	125
15#	1100-2915			1.5	9.5	17	32	125
16#	1100-2916			1.5	10.5	18	33	125
17#	1100-2917			2	11.6	19	33	125
18#	1100-2918			2	12.6	20	34	125
19#	1100-2919			2	13.7	21	35	125
20#	1100-2920			2	14.8	22	35	125
21#	1100-2921			2.5	15.8	23	36	125

AK-SL Femoral Stem

- Guaranteed distal fixation in used of Wagner principle;
- AK-SL stem designed for uncemented fixation in femoral revision surgery. A 2° tapered stem with a circular cross-section, the AK-SL can be placed in any version by the surgeon;
- AK-SL stem has 8 longitudinal ribs with relatively sharp ridges that are intended to engage the femoral cortex, thus enabling optimum rotational stability;
- AK-SL Stem length along with the secure fit of the taper design and the torsionally resistant ribs provide firm fixation to the healthy bone distal to the original prosthetic bed.

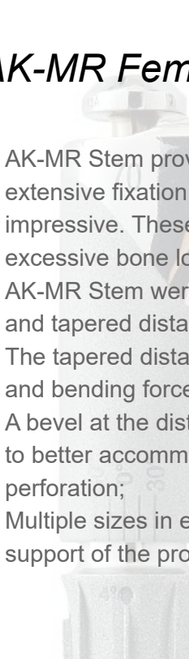


AK-SL Femoral Stem

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (A)	Offset (B)	Stem Dia. (E)	Neck Length (D)	Distal Dia. (F)	Rib Height (G)
23#	1100-2923	Name: AK-SL Femoral Stem Material: Titanium Alloy Regularly Supplied Surface Coating: Grit-blasted or proximal stem with Ti. plasma spray Taper: 12/14	135°	190	42	14	59	10.3	1
24#	1100-2924			190	42	15	59	11.3	1.2
25#	1100-2925			190	42	16	59	12.3	1.3
26#	1100-2926			190	42	17	59	13.3	1.5
27#	1100-2927			190	44	18	62	14.4	1.6
28#	1100-2928			190	44	19	62	15.4	2
29#	1100-2929			190	44	20	62	16.4	2
32#	1100-2932			225	42	14	59	10.3	1
33#	1100-2933			225	42	15	59	11.3	1.2
34#	1100-2934			225	42	16	59	12.3	1.3
35#	1100-2935			225	42	17	59	13.3	1.5
36#	1100-2936			225	44	18	62	14.4	1.6
37#	1100-2937			225	44	19	62	15.4	2
38#	1100-2938			225	44	20	62	16.4	2
39#	1100-2939			225	44	21	62	17.4	2
40#	1100-2940			225	46	22	65	18.4	2

AK-MR Femoral Stem

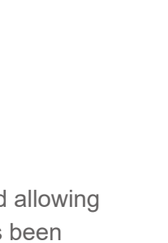
- AK-MR Stem provides the opportunity to treat wide variances in patient anatomy, and allowing extensive fixation in the femur, this design philosophy in femoral revision surgery has been impressive. These results show the favorable remodeling of proximal femoral bone stock when excessive bone loss was present;
- AK-MR Stem were designed to achieve secure distal fixation in the femur using a sharply splined and tapered distal stem;
- The tapered distal stem is designed to wedge into the femoral medullary canal, transferring axial and bending forces, while the splines are press-fit into the bone to provide rotational stability;
- A bevel at the distal end of the stem is a design feature intended to increase the ease of insertion, to better accommodate the bow of the femur, and decrease the potential for distal femoral cortical perforation;
- Multiple sizes in each body type allow for metaphyseal filling, proximal fixation, and proximal support of the prosthesis.



8 longitudinal ribs ensure the anti-rotational stability

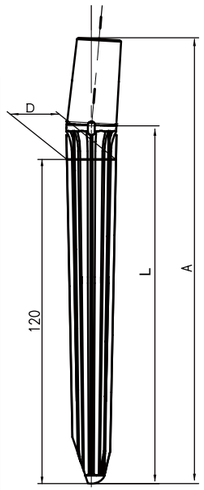
AK-MR Proximal Femoral Stem

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Proximal Stem Length (A)	Offset(B)
1#	1100-2501	Name: AK-MR Proximal Femoral Stem Regularly Supplied Material: Titanium Alloy Surface: Grit-blasted Taper: 12/14	132°	50	40
2#	1100-2502			60	40
3#	1100-2503			70	40
4#	1100-2504			80	40
5#	1100-2505			90	40
6#	1100-2506			100	40
7#	1100-2507			110	40



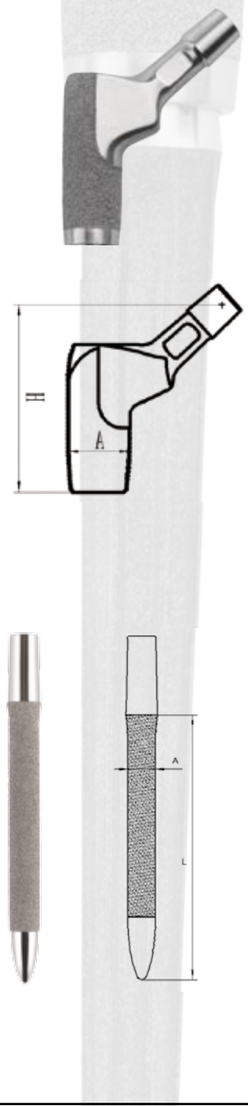
AK-MR Distal Femoral Stem

Size Ref.	Cat. No.	Description	ECC Angle	Stem Dia. (D)	Distal Stem Length (L)
Φ14×165	1300-1414	Name: AK-MR Distal Femoral Stem Regularly Supplied Material: Titanium Alloy Surface: Grit-blasted	4°	14	132
Φ14×225L	1300-1420L			14	192
Φ15×165	1300-1514			15	132
Φ15×225L	1300-1520L			15	192
Φ16×165	1300-1614			16	132
Φ16×225L	1300-1620L			16	192
Φ17×165	1300-1714			17	132
Φ17×225L	1300-1720L			17	192
Φ18×165	1300-1814			18	132
Φ18×225L	1300-1820L			18	192
Φ19×165	1300-1914			19	132
Φ19×225L	1300-1920L			19	192
Φ20×165	1300-2014			20	132
Φ20×225L	1300-2020L			20	192
Φ22×165	1300-2214			22	132
Φ22×225L	1300-2220L			22	192



AK-ABM Femoral Stem

- Proximal Cone Stem: Different diameters can fill the medullary cavity and increase the prosthesis-bone contact area; unilateral 0.25mm press fit, strive for proximal bone support
- Distal Taper Stem: different lengths facilitate three-point intramedullary fixation 2.5° taper provides axial stability 8 longitudinal ribs provide unilateral 0.25mm cortical insertion
- Long-term osseointegration: Proximal plasma-sprayed titanium microporous coating Distal sandblasting oating provides rough surface
- Distal cylindrical Stem: multiple diameters and lengths expand applicable cases Cylindrical stem provides maximum implant-bone contact area Polished distal end to avoid distal stress concentration Rough Surfaces increases prosthesis and bone bed scratch fit area



AK-ABM Proximal Femoral Stem

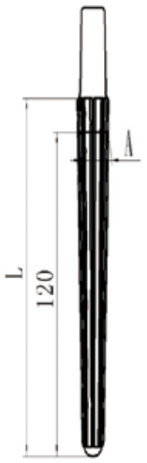
Size Ref.	Cat. No.	Description	Dia. (A)	Proximal Stem Length (H)
30#	A2167-3230	Name: AK-ABM Proximal Femoral Stem Material: Titanium Alloy Taper: 12/14	70	19
32#	A2167-3232		70	21
34#	A2167-3234		70	23
36#	A2167-3236		70	25
38#	A2167-3238		70	27
40#	A2167-3240		70	29
42#	A2167-3242		70	31
44#	A2167-3244		80	19
46#	A2167-3246		80	21
48#	A2167-3248		80	23
50#	A2167-3250		80	25
52#	A2167-3252		80	27
54#	A2167-3254		80	29
56#	A2167-3256		80	31
58#	A2167-3258		90	19
60#	A2167-3260		90	21
62#	A2167-3262		90	23
64#	A2167-3264		90	25
66#	A2167-3266		90	27
68#	A2167-3268		90	29
70#	A2167-3270		90	31
72#	A2167-3272		100	19
74#	A2167-3274		100	21
76#	A2167-3276		100	23
78#	A2167-3278		100	25
80#	A2167-3280		100	27
82#	A2167-3282		100	29
84#	A2167-3284		100	31

AK-ABM Distal Femoral Stem (Cylindrical Type)

Size Ref.	Cat. No.	Description	Dia. (A)	Distal Stem Length (L)
φ11×127S	A2165-1112S	Name: AK-ABM Distal Femoral Stem （Cylindrical Type） Regularly Supplied Material: Titanium Alloy Surface: Grit-blasted & High Polished	11	127
φ11×167S	A2165-1116S		11	167
φ12×127S	A2165-1212S		12	127
φ12×167S	A2165-1216S		12	167
φ13×127S	A2165-1312S		13	127
φ13×167S	A2165-1316S		13	167

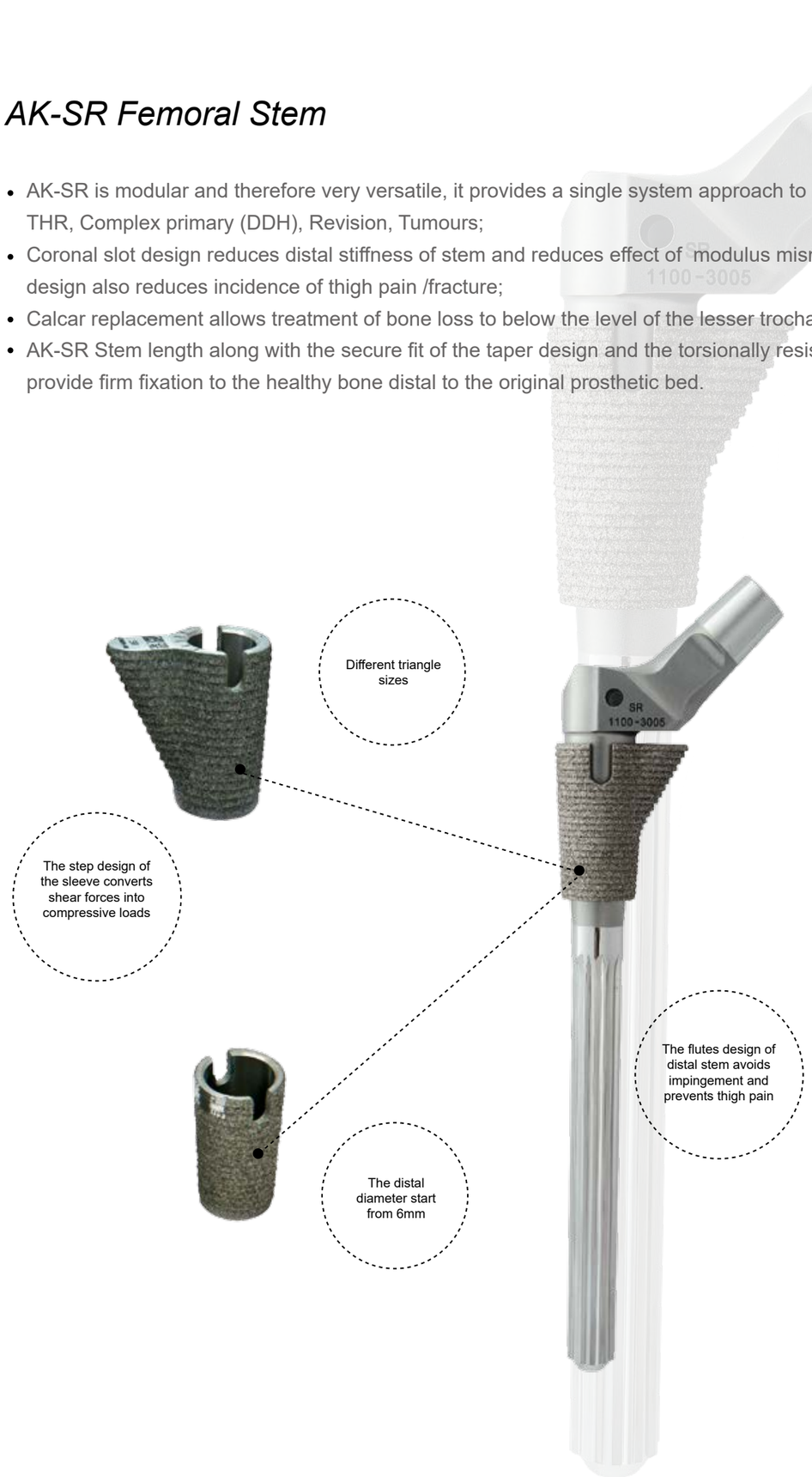
AK-ABM Distal Femoral Stem

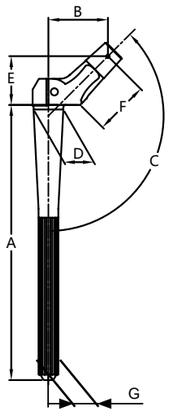
Size Ref.	Cat. No.	Description	Dia. (A)	Distal Stem Length (L)
Φ14×155S	A2164-1415S		14	155
Φ14×195S	A2164-1419S		14	195
Φ14×235W	A2164-1423W		14	235
Φ15×155S	A2164-1515S		15	155
Φ15×195S	A2164-1519S		15	195
Φ15×235W	A2164-1523W		15	235
Φ16×155S	A2164-1615S		16	155
Φ16×195S	A2164-1619S		16	195
Φ16×235W	A2164-1623W		16	235
Φ17×155S	A2164-1715S		17	155
Φ17×195S	A2164-1719S		17	195
Φ17×235W	A2164-1723W		17	235
Φ18×155S	A2164-1815S		18	155
Φ18×195S	A2164-1819S		18	195
Φ18×235W	A2164-1823W		18	235
Φ19×155S	A2164-1915S		19	155
Φ19×195S	A2164-1919S		19	195
Φ19×235W	A2164-1923W		19	235
Φ20×155S	A2164-2015S		20	155
Φ20×195S	A2164-2019S		20	195
Φ20×235W	A2164-2023W		20	235
Φ21×155S	A2164-2115S		21	155
Φ21×195S	A2164-2119S		21	195
Φ21×235W	A2164-2123W		21	235
Φ22×155S	A2164-2215S	Name: AK-ABM Distal Femoral Stem	22	155
Φ22×195S	A2164-2219S		22	195
Φ22×235W	A2164-2223W	Material: Titanium Alloy	22	235
Φ23×155S	A2164-2315S		23	155
Φ23×195S	A2164-2319S		23	195
Φ23×235W	A2164-2323W		23	235
Φ24×155S	A2164-2415S		24	155
Φ24×195S	A2164-2419S		24	195
Φ24×235W	A2164-2423W		24	235
Φ25×155S	A2164-2515S		25	155
Φ25×195S	A2164-2519S		25	195
Φ25×235W	A2164-2523W		25	235
Φ26×155S	A2164-2615S		26	155
Φ26×195S	A2164-2619S		26	195
Φ26×235W	A2164-2623W		26	235
Φ27×155S	A2164-2715S		27	155
Φ27×195S	A2164-2719S		27	195
Φ27×235W	A2164-2723W		27	235
Φ28×155S	A2164-2815S		28	155
Φ28×195S	A2164-2819S		28	195
Φ28×235W	A2164-2823W		28	235
Φ11×127S	A2165-1112S		11	127
Φ11×167S	A2165-1116S		11	167
Φ12×127S	A2165-1212S		12	127
Φ12×167S	A2165-1216S		12	167
Φ13×127S	A2165-1312S		13	127
Φ13×167S	A2165-1316S		13	127



AK-SR Femoral Stem

- AK-SR is modular and therefore very versatile, it provides a single system approach to Primary THR, Complex primary (DDH), Revision, Tumours;
- Coronal slot design reduces distal stiffness of stem and reduces effect of modulus mismatch, the design also reduces incidence of thigh pain /fracture;
- Calcar replacement allows treatment of bone loss to below the level of the lesser trochantery;
- AK-SR Stem length along with the secure fit of the taper design and the torsionally resistant ribs provide firm fixation to the healthy bone distal to the original prosthetic bed.



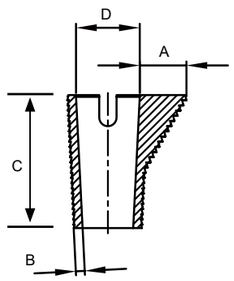


AK-SR Femoral Stem

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (A)	Proximal Dia. (D)	Offset (B)	Neck Height (E) x Length (F)	Distal Dia. (G)
0#	1100-3000	Name: AK-SR Femoral Stem Material: Titanium Alloy Regularly Supplied Surface: Grit-blasted Taper: 12/14	135°	117.5	12	33	27×30	6
1#	1100-3001			117.5	12	33	27×30	7
2#	1100-3002			132.5	14	33	27×30	8
3#	1100-3003			132.5	14	33	27×30	9
4#	1100-3004			152.5	16	33	27×30	10
5#	1100-3005			152.5	16	33	27×30	11
6#	1100-3006			162.5	18	33	27×30	12
7#	1100-3007			162.5	18	33	27×30	13
8#	1100-3008			167.5	20	33	27×30	14
9#	1100-3009			167.5	20	33	27×30	15
10#	1100-3010			162.5	18	37	31×36	12
11#	1100-3011			162.5	18	37	31×36	13
12#	1100-3012			167.5	20	37	31×36	14
13#	1100-3013			167.5	20	37	31×36	15
14#	1100-3014			167.5	22	37	31×36	16
15#	1100-3015			167.5	22	37	31×36	17

The size of AK-SR Femoral Stem's Proximal Diameter (D) is matched with the AK-SR Femoral Stem Sleeve's Size Reference.

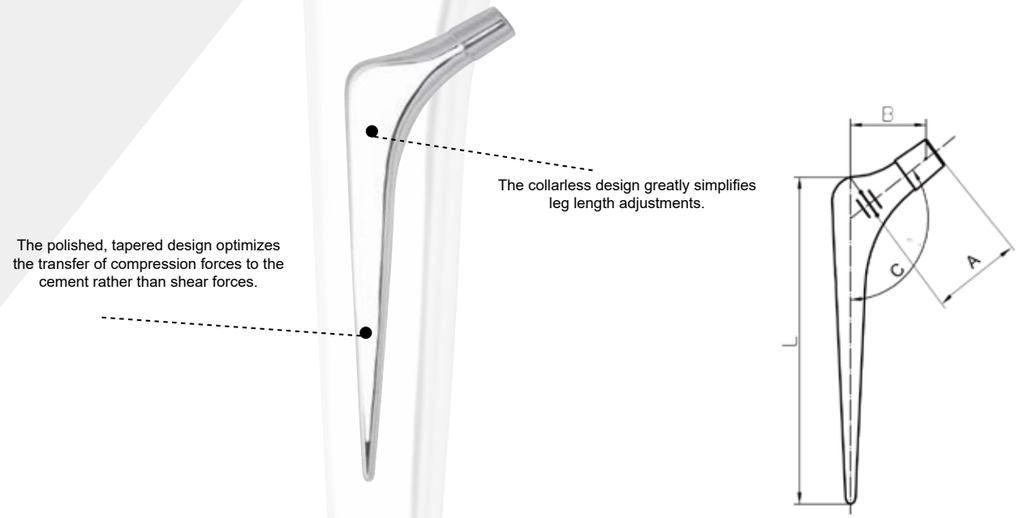
AK-SR Proximal Sleeve



Cat. No.	Description	Size Ref.	Spout (A)	Thickness (B)	Inner Dia. (D)
1301-12AB	Name: AK-SR Proximal Sleeve Material: Titanium Alloy Regularly Supplied Surface: Titanium Spray Taper: 12/14	Φ12AB	_	1.5	12
1301-12SB		Φ12SB	9.5	1.5	12
1301-12LB		Φ12LB	13.5	1.5	12
1301-12SD		Φ12SD	9.5	2.5	12
1301-12LD		Φ12LD	13.5	2.5	12
1301-14AB		Φ14AB	_	1.5	14
1301-14SB		Φ14SB	9.5	1.5	14
1301-14LB		Φ14LB	13.5	1.5	14
1301-14SD		Φ14SD	9.5	2.5	14
1301-14LD		Φ14LD	13.5	2.5	14
1301-16AB		Φ16AB	_	1.5	16
1301-16SB		Φ16SB	9.5	1.5	16
1301-16LB		Φ16LB	13.5	1.5	16
1301-16SD		Φ16SD	9.5	2.5	16
1301-16LD		Φ16LD	13.5	2.5	16
1301-18SB		Φ18SB	9.5	1.5	18
1301-18LB		Φ18LB	13.5	1.5	18
1301-18SD		Φ18SD	9.5	2.5	18
1301-18LD		Φ18LD	13.5	2.5	18
1301-20SB		Φ20SB	9.5	1.5	20
1301-20LB		Φ20LB	13.5	1.5	20
1301-20SD		Φ20SD	9.5	2.5	20
1301-20LD		Φ20LD	13.5	2.5	20
1301-22SB		Φ22SB	9.5	1.5	22
1301-22LB		Φ22LB	13.5	1.5	22
1301-22SD		Φ22SD	9.5	2.5	22
1301-22LD		Φ22LD	13.5	2.5	22

CPII Cemented Femoral Stem

- Double tapered stem design helps to create radial compressive loading ;
- Additional stability and support for distal femoral defects;
- Increasing compression and reducing shear at the bone/cement and implant/cement interfaces;
- Polished surface helps to reduce friction between the cement and the implant reducing potential for third body wear;
- Collarless neck helps to facilitate adjustments, allow intraoperative leg length adjustment aided by reference points on both the stem and the rasp.



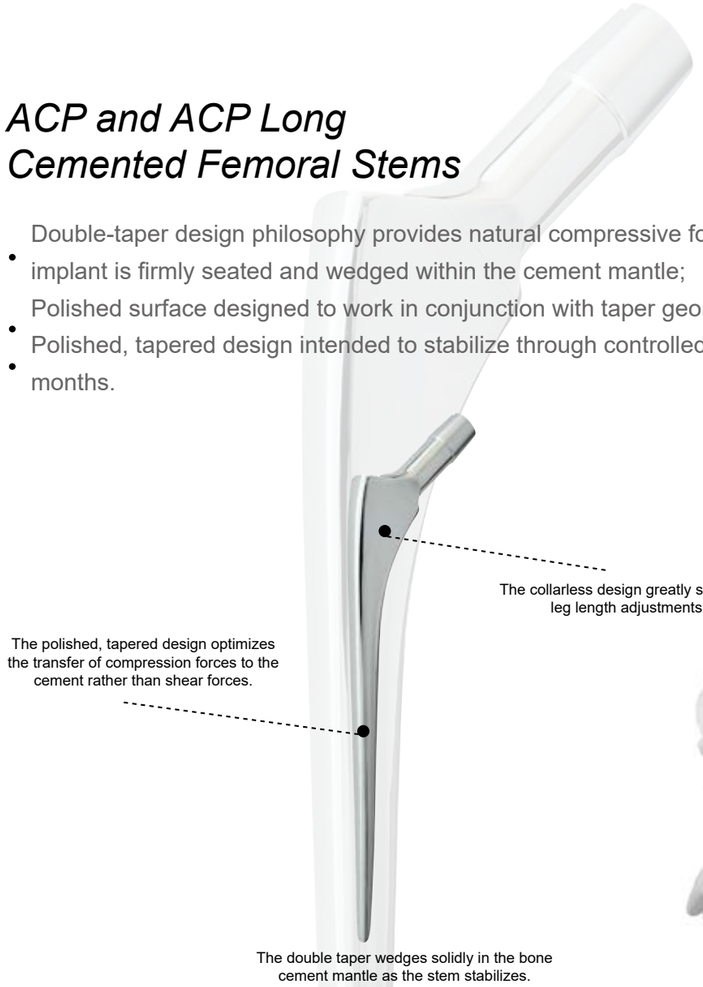
The double taper wedges solidly in the bone cement mantle as the stem stabilizes.

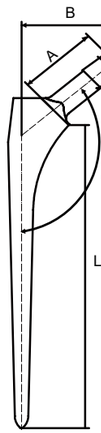
CPII Cemented Femoral Stem

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length (L)	Offset (B)	Neck Length (A)	Distal Dia.
00#	2100-1100	Name: CPII Cemented Femoral Stem Regularly Supplied Material: High Nitrogen Stainless Steel Surface: High Polished Taper: 12/14	127°	115	30	42	5
0#	2100-1000			133	33	45	5
1#	2100-1001			149	35.5	49	5
2#	2100-1002			170	37.5	51	5
3#	2100-1003			170	37.5	51	5
4#	2100-1004			170	37.5	51	5
5#	2100-1005			170	37.5	51	5
6#	2100-1006			171	37.5	51	5
7#	2100-1007			168	40	54	5
8#	2100-1008			168	40	54	5
9#	2100-1009			168	40	54	5
10#	2100-1010			168	40	54	5
11#	2100-1011			169	40	54	5

ACP and ACP Long Cemented Femoral Stems

- Double-taper design philosophy provides natural compressive forces to help ensure that the implant is firmly seated and wedged within the cement mantle;
- Polished surface designed to work in conjunction with taper geometry to enhance stem stability;
- Polished, tapered design intended to stabilize through controlled subsidence in the first 12 to 24 months.





ACP Cemented Femoral Stem

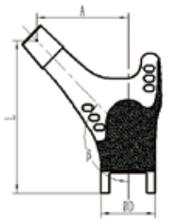
Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length L(mm)	Offset (B)	Neck Length (A)	Distal Dia.
00#	1100-1100	Name: ACP Cemented Femoral Stem Regularly Supplied Material: Co-Cr-Mo Alloy Surface: High Polished Taper: 12/14	132°	105	32.5	32	5
0#	1100-1000			110	37	37	5
1#	1100-1001			115	37	37	6
2#	1100-1002			115	39	37	6
3#	1100-1003			120	42	39	6
4#	A2212-1004			140	43	41	6
5#	A2212-1005			150	44	42	6

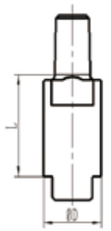
ACP Long Cemented Femoral Stem

Size Ref.	Cat. No.	Description	Neck Shaft Angle (C)	Stem Length L(mm)	Offset (B)	Neck Length (A)	Distal Dia.
4#(M)	1100-1004	Name: ACP Long Cemented Femoral Stem Regularly Supplied Material: Co-Cr-Mo Alloy Surface: High Polished Taper: 12/14	132°	170	44	41	5
5#(L)	1100-1005			200	45	42	5
14#(XS)	1100-1014			150	37.5	37	5
15#(S)	1100-1015			160	38	37	5
16#	A2212-1016			225	46	43	5
17#	A2212-1017			250	47	44	5

AK-THS Tumor Femoral Stem

- Each component is made of high standard titanium alloy which is closer to the elastic modulus of bone, and has excellent biocompatibility;
- The components are firmly locked by cone design;
- The proximal plexus and the small trochanter position reserve the tendon suture hole, which may restore muscle function;
- The proximal prosthetic surface is a vacuum plasma pure titanium coating, which facilitates long-term soft tissue adhesion;
- The extension stem has multiple specifications and can be freely assembled during surgery to provide physicians with more options for precise bone engagement.



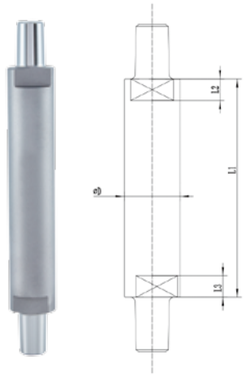


AK-THS Proximal Femoral Stem

Size Ref.	Cat. No.	Description	Neck Shaft Angle (β)	Proximal Stem Length (L)	Offset (A)	Dia. (D)
BG-XI-11#	1100-3111	Name: AK-THS Proximal Femoral Stem Regularly Supplied Material: Titanium Alloy Taper: 12/14	138°	70	44	26

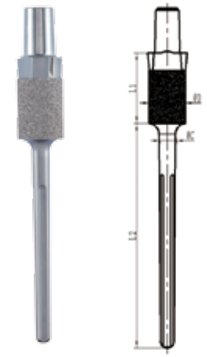
AK-THS Distal Femoral Stem - Type I

Size Ref.	Cat. No.	Description	Distal Stem Length (L)	Dia. (D)
30mm	8700-1030	Name: AK-THS Tumor Femoral Stem Type I Regularly Supplied Material: Titanium Alloy Taper: 12/14	30	26
40mm	8700-1040		40	26
50mm	8700-1050		50	26
60mm	8700-1060		60	26
70mm	8700-1070		70	26
80mm	8700-1080		80	26
90mm	8700-1090		90	26
100mm	8700-1100		100	26



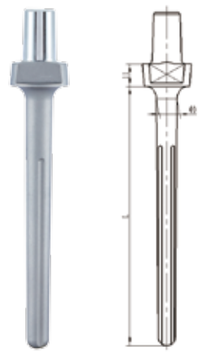
AK-THS Distal Femoral Stem - Type I

Size Ref.	Cat. No.	Description	Stem Length (L1)	Stem Length (L2)	Stem Length (L3)	Stem Dia. (D)
140mm (Left)	8700-1140	Used for total femur replacement	140	10	10	26
160mm (Right)	8700-1160		160	10	10	26



AK-THS Distal Femoral Stem - Type II

Size Ref.	Cat. No.	Description	Distal Stem Length (L1)	Distal Stem Length (L2)	Stem Dia. (C)	Stem Dia. (D)
Ø9×102	8701-0910	Name: AK-THS Tumor Femoral Stem Type II Regularly Supplied Material: Titanium Alloy Taper: 12/14	40	102	9	22
Ø11×127	8701-1112		40	127	11	24
Ø13×127	8701-1312		40	127	13	28
Ø15×127	8701-1512		40	127	15	32
Ø17×127	8701-1712		40	127	17	36



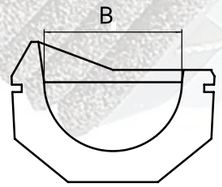
AK-THS Distal Femoral Stem - Type III

Size Ref.	Cat. No.	Description	Stem Dia. (D)	Stem Length (L)
4#/Ø9/102/10	8702-0911	Name: AK-THS Tumor Femoral Stem Type III Regularly Supplied Material: Co-Cr-Mo Alloy Taper: 12/14	9	102
7#/Ø11/102/10	8702-1111		11	102
10#/Ø11/127/10	8702-1121		11	127
13#/Ø13/127/10	8702-1321		13	127
16#/Ø15/127/10	8702-1521		15	127
19#/Ø17/127/10	8702-1721		17	127

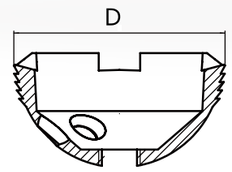
Acetabular System

AK-AC-I-TP Acetabular Cup with Liner

- Forged Titanium Alloy Cup and UHMWPE Liner;
- Titanium-Plasma Spray porous coating;
- Taper-lock mechanism ensures durable fixation;
- High edge liner design effectively prevents dislocation;
- 3 holes allows immediate screw fixation.



Liner
(UHMWPE)



Acetabular Cup
(Titanium Alloy)

AK-AC-I-TP Acetabular Cup with Liner

Size Ref.	Cat. No.	Description	Cup Dia. (D)	Matched Femoral Head
42/22	1300-2242	Name: AK-AC-I-TP Acetabular Cup with Liner Material: Titanium Alloy + UHMWPE Liner Regularly Supplied Surface Coating: Titanium Plasma Spray Porous Coating	43	22
44/22	1300-2244		45	22
46/22	1300-2246		47	22
48/28	1300-2848		49	28
50/28	1300-2850		51	28
52/28	1300-2852		53	28
54/28	1300-2854		55	28
56/28	1300-2856		57	28
58/28	1300-2858		59	28
60/28	1300-2860		61	28
62/28	1300-2862		63	28
52/32	1300-52DZ		53	32
54/32	1300-54DZ		55	32
56/32	1300-56DZ		57	32
58/32	1300-58DZ		59	32
60/32	1300-60DZ		61	32
62/32	1300-62DZ		63	32

AK-AC-II-TP Acetabular Cup

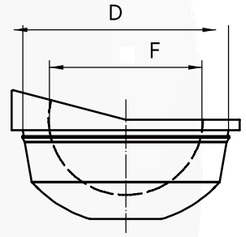
- AK-AC-II-TP system is a two pieces component design that is assembled during surgery;
- The shells utilize the innerchange locking mechanism. This unique locking mechanism helps provide a secure interface between the polyethylene insert and shell;
- The shell is also suitable for both HXLPE and Ceramic Liner.

AK-AC-II-TP Acetabular Cup

Size Ref. (O.D./Head Dia.)	Cat. No.	Description	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Liner size (O.D./I.D.)	Matched Femoral Head Diameter
38/22	1310-2238	Name: AK-AC-II-TP Acetabular Cup Material: Titanium Alloy Regularly Supplied Surface Coating: Titanium Plasma Spray Porous Coating from UK Matched Liner: AK-L-II Liner UHMWPE AK-L-II Liner HXLPE AK-C-Liner Ceramic	32/22	-	-	22
40/22	1310-2240		32/22	-	-	22
42/22	1310-2242		34/22	-	-	22
44/22	1310-2244		36/22	-	-	22
46/28	1310-2846A		38/28	-	-	28
48/28	1310-2848		40/28	-	-	28
50/32	1310-3250		-	42/32	-	32
52/32	1310-3252		-	44/32	-	32
54/32	1310-3254		-	46/32	46/36	32/36
56/32	1310-3256		-	48/32	48/36	32/36
58/32	1310-3258		-	50/32	50/36	32/36
60/32	1310-3260		-	52/32	52/36	32/36
62/32	1310-3262		-	54/32	54/36	32/36
64/32	1310-3264		-	54/32	54/36	32/36

AK-L-II-Liner

- Both highly cross-linked Polyethylene and UHMWPE are available;
- The liners are designed to lock into the shell by means of a circumferential ring that engages the shell's mating groove;
- Rotational stability may be achieved when the shell's anti-rotational barbs interlock with the insert's scallops.



AK-L-II-Liner UHMWPE

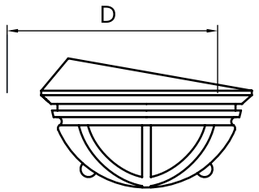
Size Ref.	Cat. No.	Description	Matched Cup's Outer Dia.	Matched Femoral Head
38/22	1310-2338	Name: AK-L-II-Liner UHMWPE Material: UHMWPE(Ultrahigh molecular weight polyethylene) Regularly Supplied Matched Cup: AK-AC-II-TP AK-AC-II-TTM-I AK-AC-II-TTM-V	38	22
40/22	1310-2340		40	22
42/22	1310-2342		42	22
44/22	1310-2344		44	22
46/28	1310-2346A		46	28
48/28	1310-2348		48	28
50/32	1310-2450		50	32
52/32	1310-2452		52	32
54/32	1310-2454		54	32
56/32	1310-2456		56	32
58/32	1310-2458		58	32
60/32	1310-2460		60	32
62/32	1310-2462		62	32
64/32	1310-2464		64	32

AK-L-II-Liner HXLPE

Size Ref.	Cat. No.	Description	Matched Cup's Inner Dia.	Matched Femoral Head
32/22	2329-3222	Name: AK-L-II-Liner HXLPE Material: HXLPE (High Cross Linked Polyethylene) Regularly Supplied Matched Cup: AK-AC-II-TP AK-AC-II-TTM-I AK-AC-II-TTM-V	32	22
34/22	2329-3422		34	22
36/28	2329-3628		36	28
38/28	2329-3828		38	28
40/28	2329-4028		40	28
42/28	2329-4228		42	28
44/28	2329-4428		44	28
46/28	2329-4628		46	28
48/28	2329-4828		48	28
50/28	2329-5028		50	28
52/28	2329-5228		52	28
54/28	2329-5428		54	28
40/32	2329-4032		40	32
42/32	2329-4232		42	32
44/32	2329-4432		44	32
46/32	2329-4632		46	32
48/32	2329-4832		48	32
50/32	2329-5032		50	32
52/32	2329-5232		52	32
54/32	2329-5432		54	32
58/32	2329-5832		58	32
60/32	2329-6032		60	32
44/36	2329-4436		44	36
46/36	2329-4636		46	36
48/36	2329-4836		48	36
50/36	2329-5036		50	36
52/36	2329-5236		52	36
54/36	2329-5436		54	36
58/36	2329-5836		58	36
60/36	2329-6036		60	36

CPII Acetabular Cup

- UHMWPE;
- Monoblock cutting;
- 10 degree high wall design prevents dislocation during motion.



AK CP II Acetabular Cup

Size Ref.	Cat. No.	Description	Cup Dia.	Matched Femoral Head Dia.
38/22	2300-1038	Name: AK CP II Acetabular Cup Regularly Supplied Material: UHMWPE(Ultrahigh molecular weight polyethylene)	36	22
40/22	2300-1040		38	22
42/22	2300-1042		40	22
44/28	2300-1044		42	28
46/28	2300-1046		44	28
48/28	2300-1048		46	28
50/28	2300-1050		48	28
52/28	2300-1052		50	28
54/28	2300-1054		52	28
56/28	2300-1056		54	28
58/28	2300-1058		56	28
60/28	2300-1060		58	28
62/28	2300-1062		60	28
50/32	A2703-2050	Material: HXLPE	48	32
52/32	A2703-2052		50	32
54/32	A2703-2054		52	32
56/32	A2703-2056		54	32
58/32	A2703-2058		56	32
60/32	A2703-2060		58	32
62/32	A2703-2062		60	32

CP Acetabular Cup

- UHMWPE;
- Monoblock cutting;
- 10 degree high wall design prevents dislocation during motion.

AK-CP Acetabular Cup

Size Ref.	Cat. No.	Description	Cup Dia.	Matched Femoral Head Dia.
44/28	1300-1044	Name: AK-CP Acetabular Cup Regularly Supplied Material: UHMWPE(Ultrahigh molecular weight polyethylene)	44	28
46/28	1300-1046		46	28
48/28	1300-1048		48	28
50/28	1300-1050		50	28
52/28	1300-1052		52	28
54/28	1300-1054		54	28
56/28	1300-1056		56	28
58/28	1300-1058		58	28

AK-Ringfix Cup

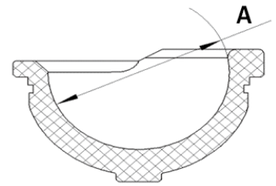
- 3D ACT Trabecular Metal Provides excellent initial and long-term stability
- Ring-fix Locking Mechanism Cup & Liner high matching contact reduces back wear, reliable locking mechanism has strong pull-out resistance
- Multiple Screw Holes Provides flexible options for intraoperative screw fixation
- One Cup with Two Liners Standard anti-location liner and restrictive liner effectively prevent the femoral head from dislocation

AK-Ringfix Cup

Size Ref.	Cat. No.	Description	Matched (Standard Liner)	Matched (Constrained Liner)
48#	A2677-4800	Name: AK-Ringfix Cup Regularly Supplied Material: Titanium Alloy	48/32	40/28
50#	A2677-5000		50/32	42/32
52#	A2677-5200		52/36	44/32
54#	A2677-5400		52/36	44/32
56#	A2677-5600		56/36	48/36
58#	A2677-5800		56/36	48/36
60#	A2677-6000		56/36	48/36
62#	A2677-6200		62/36	54/36
64#	A2677-6400		62/36	54/36
66#	A2677-6600		62/36	54/36
68#	A2677-6800		68/36	60/36
70#	A2677-7000		68/36	60/36

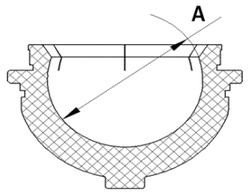
AK-L-CL Liner (Standard)

Size Ref.	Cat. No.	Description	I. D. (A)
48/32	2440-4832	Name: AK-L-CL Liner (Standard) Recularly Supplied Material: UHMWPE(Ultrahigh molecular weight polyethylene)	32
50/32	2440-5032		32
52/36	2440-5236		36
56/36	2440-5636		36
62/36	2440-6236		36
68/36	2440-6836		36



AK-L-CL Liner (Constrained)

Size Ref.	Cat. No.	Description	I. D. (A)
40/28	A2690-4028	Name: AK-L-CL Liner (Constrained) Regularly Supplied Material: UHMWPE(Ultrahigh molecular weight polyethylene)	28
42/32	A2690-4232		32
44/32	A2690-4432		32
48/36	A2690-4836		36
54/36	A2690-5436		36
60/36	A2690-6036		36



AK-ML-II Cup

- All-in-one Acetabular System
- Excellent osseointegration interface, which can provide reliable initial and long-term stability for the prosthesis
- 50mm acetabular cup can match 36mm femoral head, this combination can reduce the risk of dislocation and increase joint mobility
- Titanium Plasma Spray plug can increase the area of osseointegration and reduce the risk of osteolysis on the acetabular side
- Cups are packed with the screw holes pre-plugged with Screw Hole Cover, Apical Hole Plug was packed together inside of the package40, 46+, 50+ cups have no Apical Hole Plug

Size 40-42

Size 44-58

Size 60-70

AK-ML-II Cup

Size Ref.	Cat. No.	Description	Matched UHMWPE Liner	Matched Ceramic Liner
40	A2650-4032	Name: AK-ML-II Cup Regularly Supplied Material: Titanium Alloy	A2692-4022	
42	A2650-4232		A2692-4022	
44	A2650-4436		A2692-4428	A2400-28/36
46+	A2650-4638		A2692-4632	A2400-32/40
48	A2650-4838		A2692-4632	A2400-32/40
50+	A2650-5042		A2692-5032/ A2692-5036	A2400-36/44
52	A2650-5242		A2692-5032/ A2692-5036	A2400-36/44
54	A2650-5442		A2692-5032/ A2692-5036	A2400-36/44
56	A2650-5646		A2692-5436	A2400-36/48
58	A2650-5846		A2692-5436	A2400-36/48
60	A2650-6052		A2692-6036	A2400-36/52
62	A2650-6252		A2692-6036	A2400-36/52
64	A2650-6452		A2692-6036	A2400-36/52
66	A2650-6658		A2692-6636	
68	A2650-6858		A2692-6636	
70	A2650-7058		A2692-6636	

Size Ref.	Cat. No.	Description
M10×4	2336-1004	Apical Hole Plug
M6.5×3	2334-6503	Screw Hole Cover

AK- ML-II Liner

Size Ref.	Cat. No.	Description	Matched Cup's Inner Dia.	Matched Femoral Head
40/22	A2692-4022	Name: AK-ML-II Liner Material: UHMWPE (Ultrahigh molecular weight polyethylene) Regularly Supplied	22	22
44/28	A2692-4428		28	28
46/32	A2692-4632		32	32
50/32	A2692-5032		32	
50/36	A2692-5036		36	36
54/36	A2692-5436		36	
60/36	A2692-6036		36	
66/36	A2692-6636		36	

Dual Mobility Cup System

Dual Mobility Cup System Co-Cr-Mo Liner

Size Ref.	Cat. No.	Description	Matched Cup Size (O.D.)	Matched Liner
44/32	A2889-4432	Name: Dual Mobility Cup System Co-Cr-Mo Liner Regularly Supplied Material: Co-Cr-Mo Alloy	44	32
46/34	A2889-4634		46	32
48/36	A2889-4836		48	36
50/38	A2889-5038		50	38
52/40	A2889-5240		52	40
54/42	A2889-5442		54	42
56/44	A2889-5644		56	44
58/46	A2889-5846		58	46
60/48	A2889-6048		60	48
62/50	A2889-6250		62	50
64/50	A2889-6450		64	50

Dual Mobility Cup System HXLPE Liner

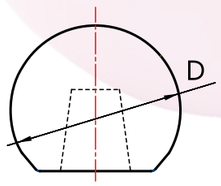
Size Ref.	Cat. No.	Description	Matched Femoral Head
32/22	A2885-3222	Name: Dual Mobility Cup System HXLPE Liner Regularly Supplied Material: HXLPE (High Cross Linked Polyethylene)	22
34/22	A2885-3422		22
36/22	A2885-3622		22
38/28	A2885-3828		28
40/28	A2885-4028		28
42/28	A2885-4228		28
44/28	A2885-4428		28
46/28	A2885-4628		28
48/28	A2885-4828		28
50/28	A2885-5028		28

AK-C-Liner Ceramic

AK-C-Liner Ceramic

Size Ref.	Cat. No.	Description	Matched Cup's Inner Dia.	Matched Femoral Head
28/36	A2400-28/36	Name: AK-C-Liner Ceramic Regularly Supplied Material: Ceramic Delta Matched Cup: AK-AC-II-TP AK-AC-II-TTM-I AK-AC-II-TTM-V	36	28
28/38	A2400-28/38		38	28
32/40	A2400-32/40		40	32
32/42	A2400-32/42		42	32
36/44	A2400-36/44		44	36
36/46	A2400-36/46		46	36
36/48	A2400-36/48		48	36
36/50	A2400-36/50		50	36
36/52	A2400-36/52		52	36
36/54	A2400-36/54		54	36

AK-FH-C Femoral Head

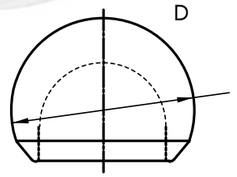


AK-FH-C Femoral Head

Size Ref.	Cat. No.	Description	Dia.	Trade Mark
28-S	2202-0028	Name: AK-FH-C Femoral Head Regularly Supplied Material: Ceramic Delta Matched Stem: Cementless Femoral Stems	28	BIOLOX from CeramTec
28-M	2202-0128		28	
28-L	2202-0228		28	
32-S	2202-0032		32	
32-M	2202-0132		32	
32-L	2202-0232		32	
32-XL	2202-0332		32	
36-S	2202-0036		36	
36-M	2202-0136		36	
36-L	2202-0236		36	
36-XL	2202-0336		36	

AK-Bipolar

- Co-Cr-Mo Alloy Cup and UHMWPE Liner;
- Patent locking mechanism ensures easy femoral head installation and prevents dislocation.

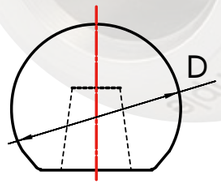


AK-Bipolar

Size Ref.	Cat. No.	Description	Outer Dia.	Matched Femoral Head
38/22	1220-3822	Name: AK-Bipolar Material: Co-Cr-Mo Alloy Cup+UHMWPE Liner Regularly Supplied Matched Head: For All 22 and 28	38	22
40/22	1220-4022		40	22
41/22	A2361-4122		41	22
42/22	1220-4222		42	22
43/22	A2361-4322		43	22
44/22	1220-4422		44	22
42/28	A2361-4228		42	28
43/28	A2361-4328		43	28
44/28	A2361-4428		44	28
45/28	A2361-4528		45	28
46/28	1220-4628		46	28
47/28	A2361-4728		47	28
48/28	1220-4828		48	28
49/28	A2361-4928		49	28
50/28	1220-5028		50	28
51/28	A2361-5128		51	28
52/28	1220-5228		52	28
53/28	A2361-5328		53	28
54/28	1220-5428		54	28
56/28	1220-5628		56	28

AK-FH-M Femoral Head

- Co-Cr-Mo Alloy material;
- 22mm, 28mm, 32mm, 36mm diameter options;
- Different neck lengths are avaliable.

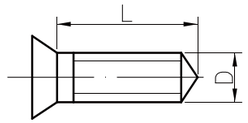


AK-FH-M Femoral Head

Size Ref.	Cat. No.	Description	Dia.	Matched Head Trial
22/0	1200-0122	Name: AK-FH-M Femoral Head Regularly Supplied Material: Co-Cr-Mo Alloy	22	22/0
22/+4	1200-0222		22	22/+4
22/+8	1200-0322		22	22/+8
28/-4	1200-0028		28	28/-4
28/0	1200-0128		28	28/0
28/+4	1200-0228		28	28/+4
28/+8	1200-0328		28	28/+8
28/+12	1200-0828		28	28/+12
32/-4	1200-0032		32	32/-4
32/0	1200-0132		32	32/0
32/+4	1200-0232		32	32/+4
32/+8	1200-0332		32	32/+8
32/+12	1200-0832		32	32/+12
36/-4	1200-0036		36	36/-4
36/0	1200-0136		36	36/0
36/+4	1200-0236		36	36/+4

Acetabular Cup Screw

- It is made of Ti-Alloy;
- Various sizes for different needs.

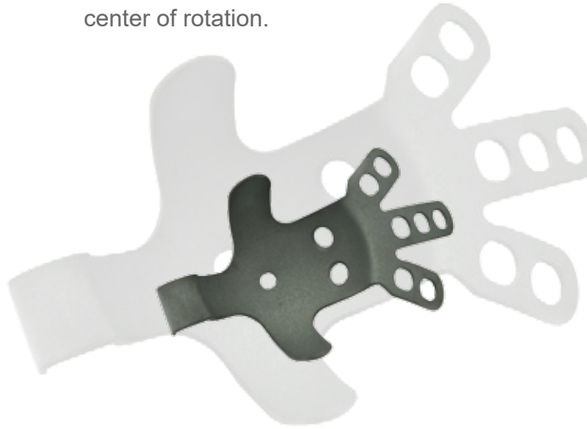


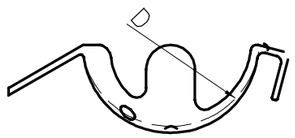
Acetabular Cup Screw

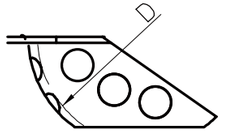
Size Ref.	Cat. No.	Description	Length (mm)	Dia.
15mm	1300-2015	Name: Acetabular Cup Screw Material: Titanium Alloy	15	6.5
20mm	1300-2020		20	6.5
25mm	1300-2025		25	6.5
30mm	1300-2030		30	6.5
35mm	1300-2035		35	6.5
40mm	1300-2040		40	6.5
45mm	1300-2045		45	6.5
50mm	1300-2050		50	6.5
55mm	1300-2055		55	6.5
60mm	1300-2060		60	6.5
65mm	1300-2065		65	6.5
70mm	1300-2070		70	6.5

Acetabular Cage

- Pure titanium is extremely pliable, making it easy to use. The rough-blasted bone-facing surface offers excellent compatibility and enhances bone ongrowth;
- The relative position and orientation of the flanges match the anatomy of the pelvis, so the flanges require less time- consuming adaptation;
- The optimized position and orientation of the screw holes bring the screws in line with the direction of the force applied for secure initial and long-term stability. The large number of screw holes allows the surgeon to choose the most reliable fixation option;
- Inferior narrowing of the cage's posterior rim means that intact bone of the posterior acetabular rim can be preserved;
- The slim, pointed, upwardly curved inferior flange is designed specially for the modern technique of impacting the implant into the os ischium. Its lower placement offers optimal positioning of the center of rotation.







AK-CAGE-S1 Standard Acetabular Metal Cup Cage

Size Ref.	Cat. No.	Description	Dia. (D)
44#	1330-1044	Name: AK-CAGE-S1 Standard Acetabular Metal Cup Cage Material: Titanium-Alloy	44
46#	1330-1046		46
48#	1330-1048		48
50#	1330-1050		50
52#	1330-1052		52
54#	1330-1054		54
56#	1330-1056		56
58#	1330-1058		58

AK-RING-S1 Standard Acetabular Metal Cup Ring

Size Ref.	Cat. No.	Description	Dia. (D)
44#	1331-1044	Name: AK-RING-S1 Standard Acetabular Metal Cup Ring Material: Titanium-Alloy	44
46#	1331-1046		46
48#	1331-1048		48
50#	1331-1050		50
52#	1331-1052		52
54#	1331-1054		54
56#	1331-1056		56
58#	1331-1058		58

Accessories

Centralizer

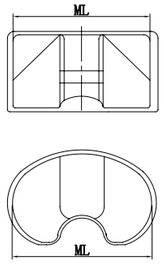
Size Ref.	Cat. No.	Description	Inner Dia.	Outer Dia.
Universal	1100-C	Centralizer Material: UHMWPE	8	10.5

Restrictor

Size Ref.	Cat. No.	Description	Inner Dia.	Outer Dia.
Universal	1100-P	Restrictor Material: UHMWPE	3	9

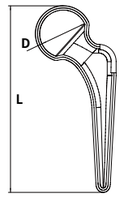
AK Knee Joint Spacer Mold

Size Ref.	Cat. No.	Description	Femoral ML (mm)
S	5901-0002	AK Knee Joint Spacer Mold	60
M	5901-0003		65
L	5901-0004		70



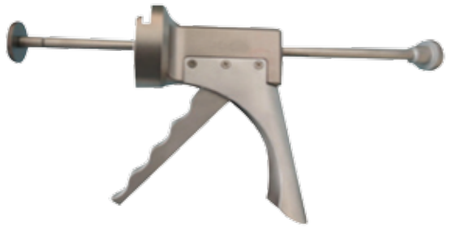
AK Hip Joint Spacer Mold

Size Ref.	Cat. No.	Head Dia. D (mm)	Stem Length L (mm)
44#	5904-0044	44	175
48#	5904-0048	48	202
52#	5904-0052	52	216



Bone Cement Applicator

Bone cement applicator is the third generation cement technique which is designed to inject cement into intramedullary. This instrument may evenly inject cement into femur during hip joint replacement surgery.

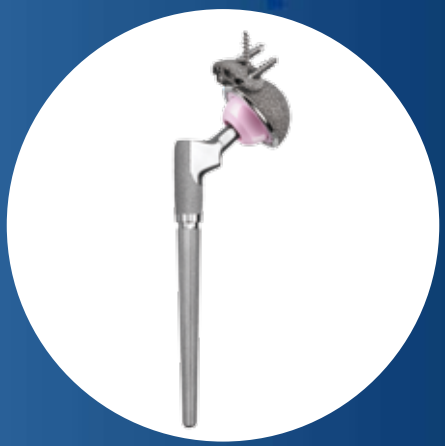


Bone Cement Application Kit

The plastic made cement sleeve assemblies are disposable for keeping bone cement. The system of devices may reduce possibilities of microbial contamination of the bone cement; also reduce the release of monomer vapors into environment; optimize mixing of the cement and make it possible for obtaining high and low viscosity cement.

Tornado Disposable Surgical Lavage Unit

Tornado Disposable Surgical Lavage Unit is a high quality, single use high pressure pulse lavage system for arthroplasty surgery. The product was developed with the specific requirements of surgeons in mind.
Tornado Disposable Surgical Lavage Unit is a ready-to-use product for joint arthroplasty and trauma surgery. The system is pre-packed with irrigation and suction nozzles which are customized for the respective usage area. The purpose is to give the surgeon different options to choose from, depending on what kind of surgery he/she will perform.



Bejing AK Medical Co., Ltd.
HK Stock Code: 01789.HK
Address: No. 10 Baifuquan Road, Changping Science Park, Beijing 102200 Beijing China
Website: www.ak- medical.net
E-mail: sales@ak-medical.net
Tel.: +86 10 8010 9581-615
Fax: +86 10 8010 9583