



DYNAMIC CONGRUENCE + KINEMATIC ALIGNMENT

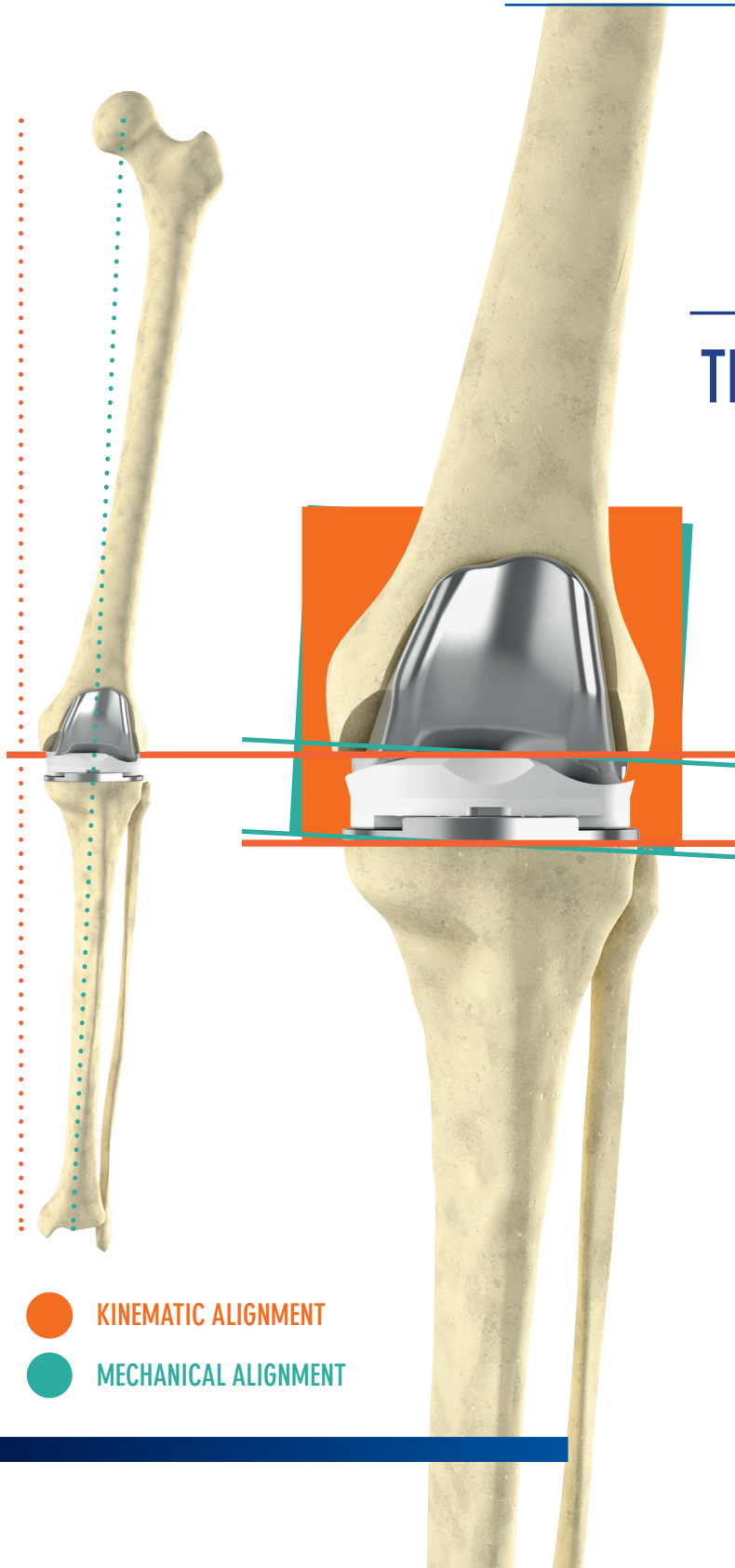
THE MOST NATURAL SOLUTION

K-MOD KINEMATIC ALIGNMENT EXTREME

KA EXTREME technique aims to recreate the articular kinematics of the patient's native knee; the technique can therefore be considered specific to the individual patient.

Kinematic alignment is an option available to orthopaedic surgeons to minimise the risk of pain arising from a total knee replacement. Indeed, many scientific studies show that a significant percentage of patients who undergo mechanical alignment are still dissatisfied due to pain, instability or stiffness in the joint.

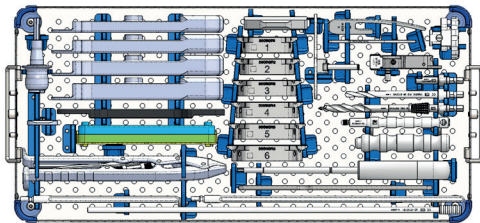
THE CONCEPT OF KINEMATIC ALIGNMENT IS TO RESTORE NORMAL KNEE FUNCTION BY ALIGNING THE DISTAL AND POSTERIOR FEMORAL JOINT LINE OF THE FEMORAL COMPONENT ACCORDING THE FUNCTIONAL FEMORAL TRANSVERSE AXES AND JOINT LINE OF THE TIBIAL COMPONENT TO THOSE OF THE NORMAL OR PRE ARTHRITIC STATUS.



- KINEMATIC ALIGNMENT
- MECHANICAL ALIGNMENT

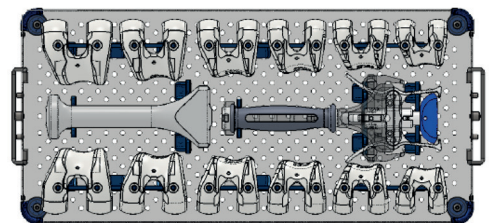


3REF FEMORAL INSTRUMENTS

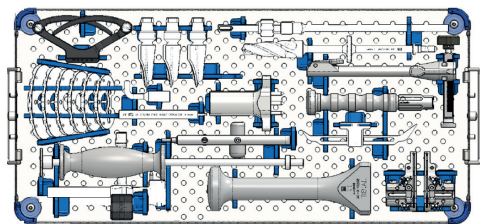


+

TRIAL CR FEMURS



TIBIAL INSTRUMENTS

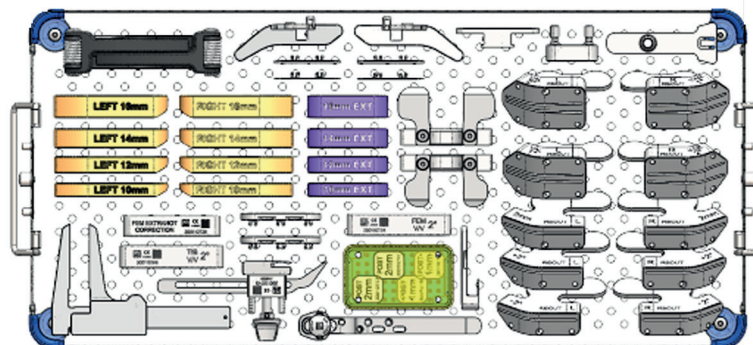


+

TRIAL DC INSERTS

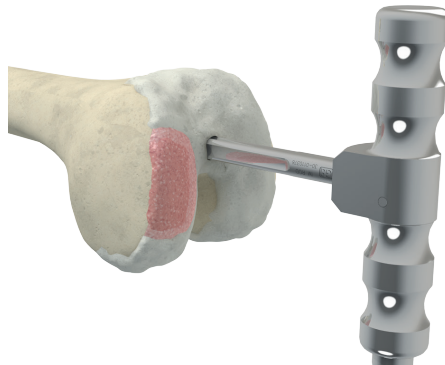
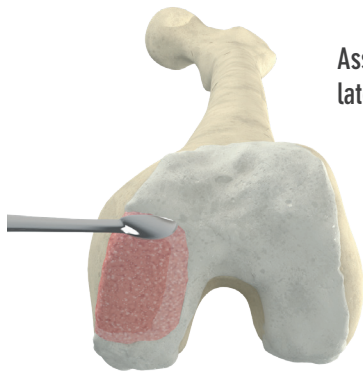


KA EXTREME

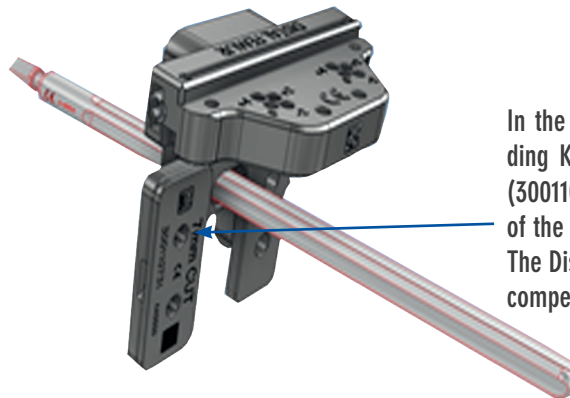
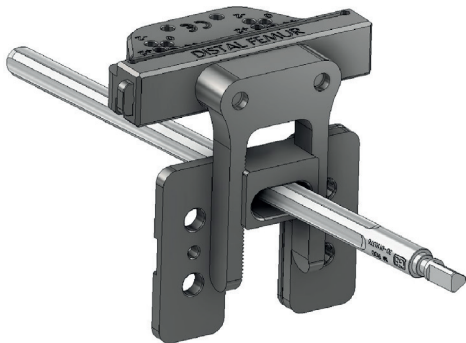


FEMUR: DISTAL RESECTION

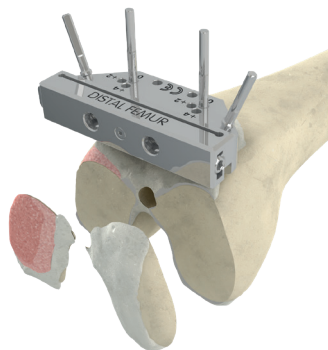
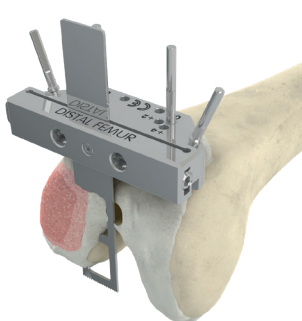
Assess any wear on the medial and lateral distal condylar surface



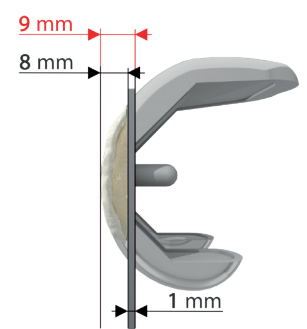
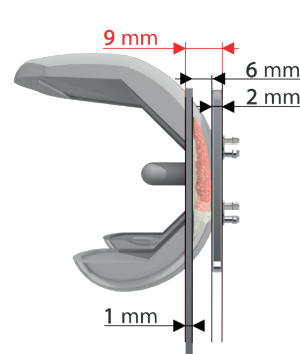
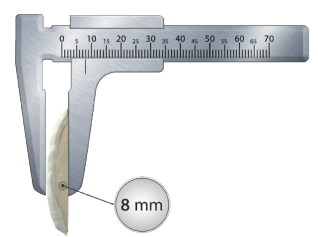
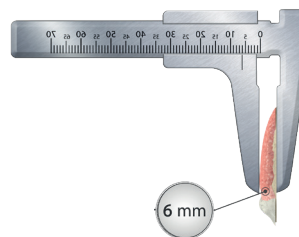
Use the Femoral IM Reamer 8.25mm (300110145) to prepare the intramedullary hole in the femoral canal to insert the SHORT IM Rod (300110376)



In the event of wear, select the corresponding K-MOD KA Distal Spacer 7/8mm Cut, (300110730, 31) to be attached to the back of the Sizer at the site of the worn condyle. The Distal Thickness for Cuts can be used to compensate for wear

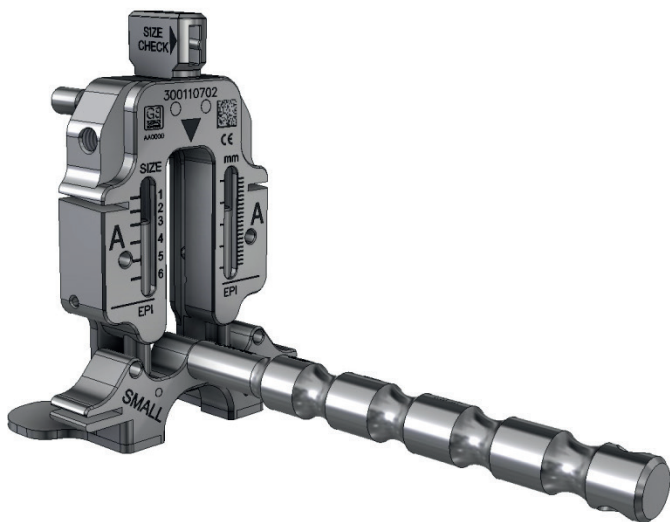


Perform the distal femoral resection



FEMUR: POSTERIOR RESECTIONS AND 4IN1

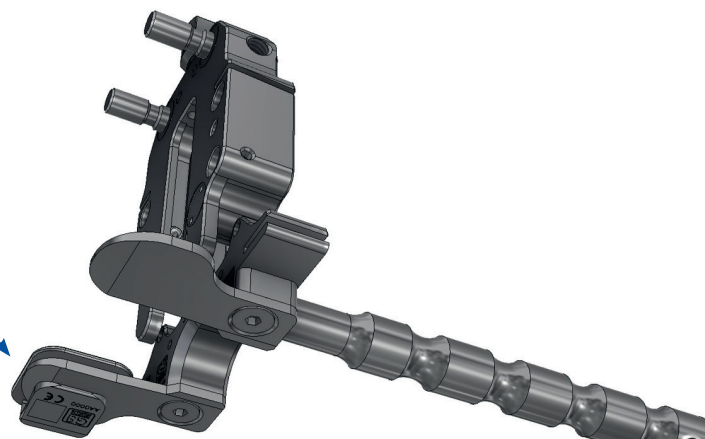
EXTRAROTATION GUIDE SMALL AND LARGE



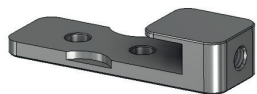
Super slim
ExtraRotation: 0°



Posterior Spacer 1mm, 2mm



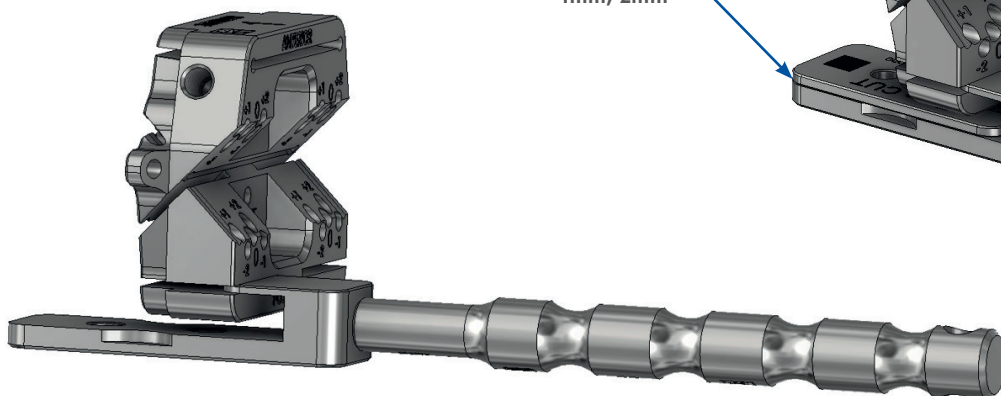
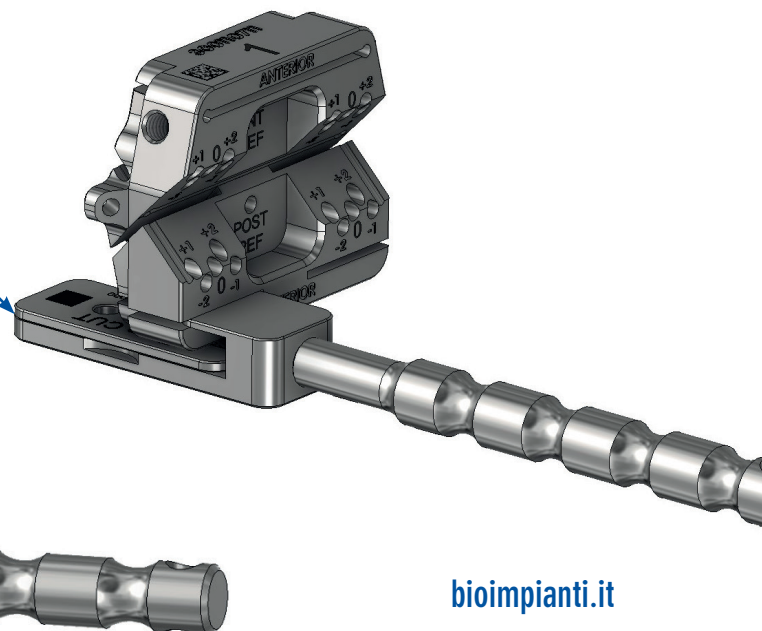
RESECTION CONTROL



Resection check 9mm



Posterior Spacer
1mm, 2mm

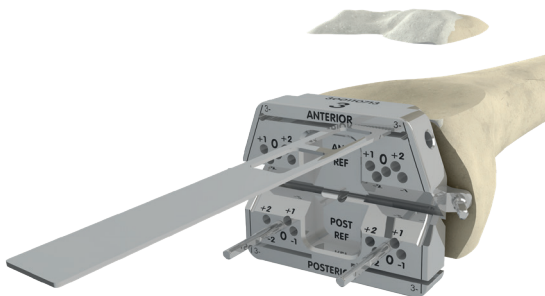
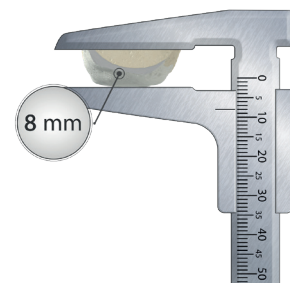
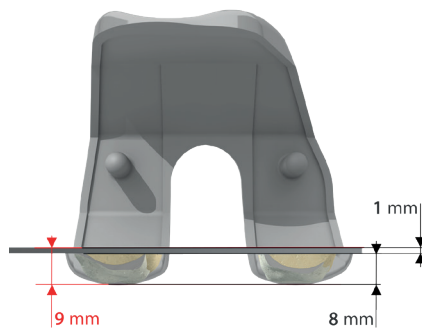
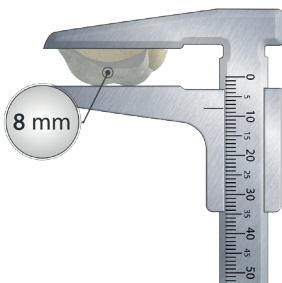
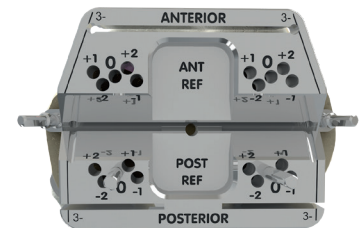
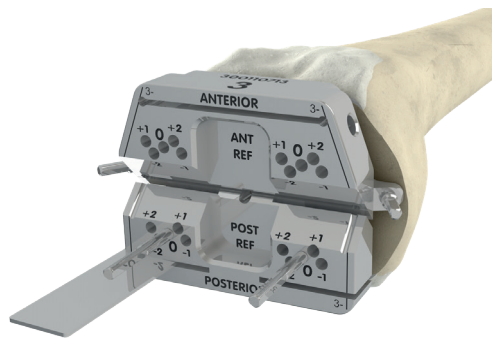
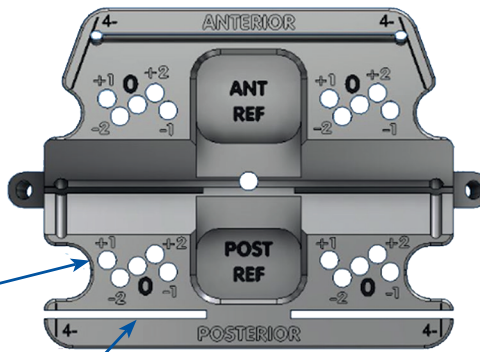


FEMUR: POSTERIOR RESECTIONS AND 4IN1

4IN1 CUTTING BLOCK

POST Reference holes

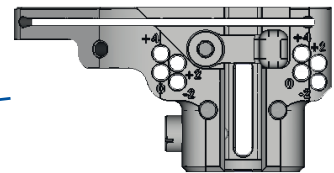
Separate slots for posterior resections



TIBIA: RESECTION



300110741	K-MOD KA Blocco Tib Cartier 3° Sx
300110742	K-MOD KA Blocco Tib Cartier 3° Dx



300110680	K-MOD Bloccchetto Resez Tibia Slim Sx
300110681	K-MOD Bloccchetto Resez Tibia Slim Dx



K-MOD KA Tibial Stylus: 0-10mm

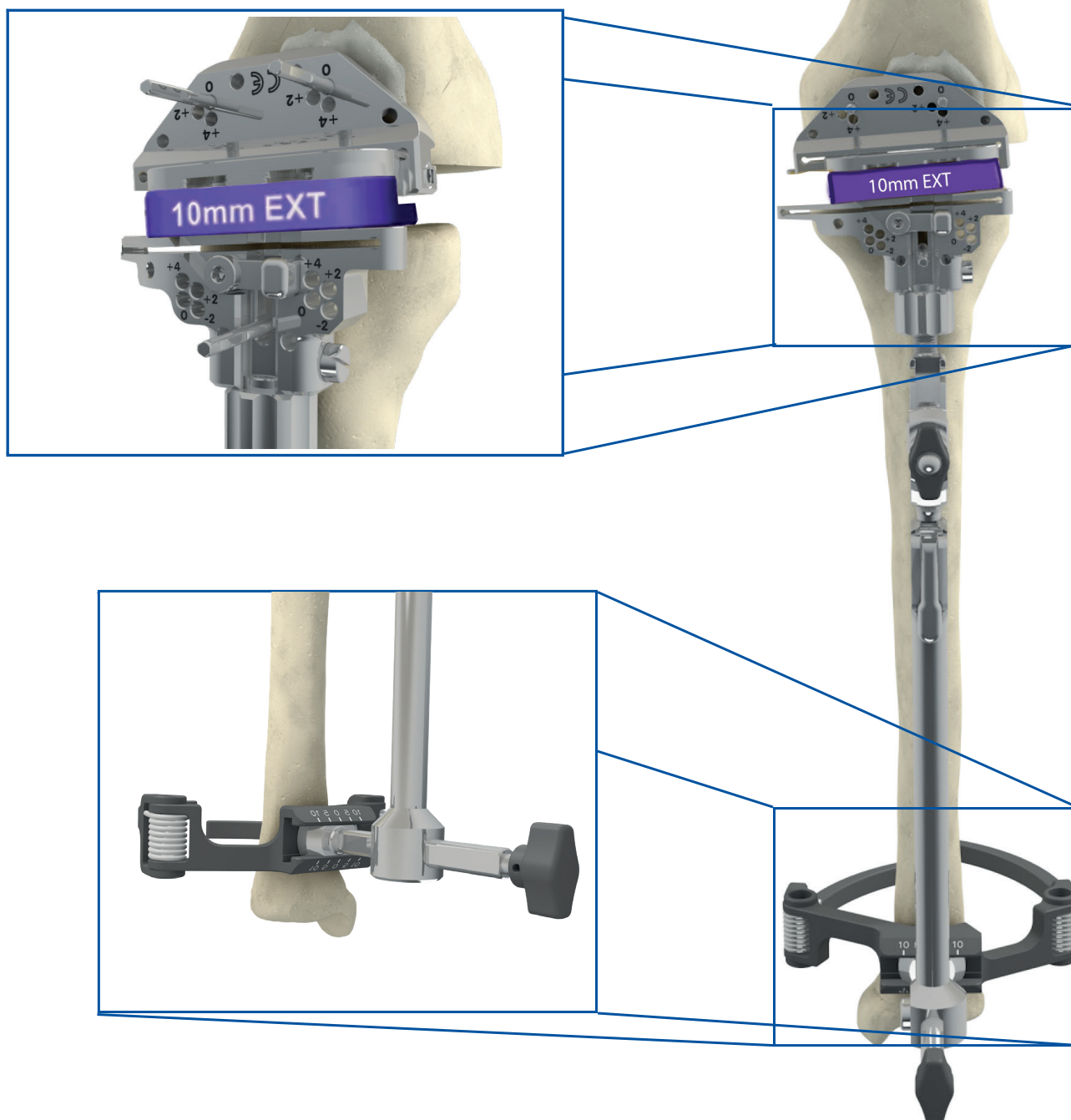


K-MOD KA Extreme Ankle Clamp

TIBIA: SETTING WITH EXTENSION GAP

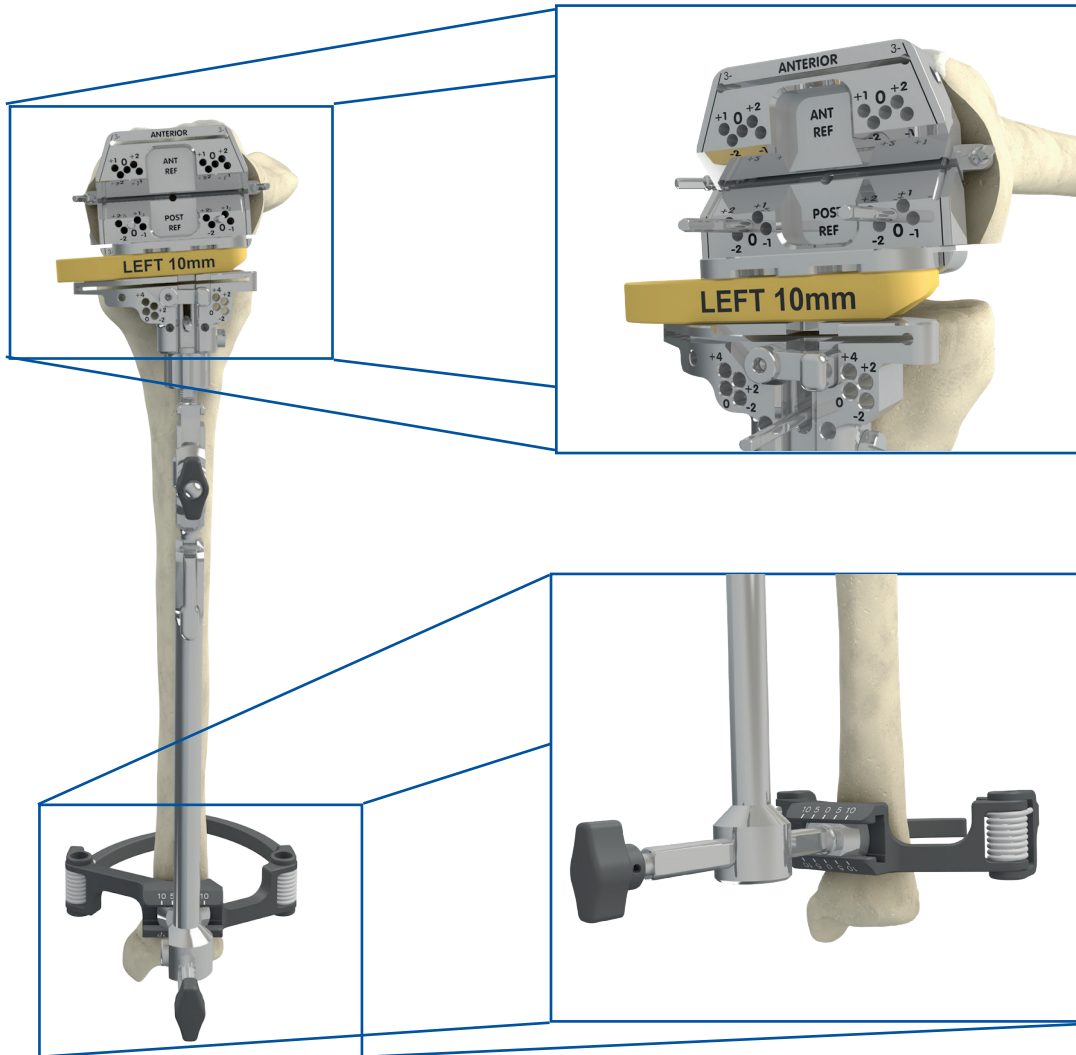


Symmetrical blocks dedicated to extension control



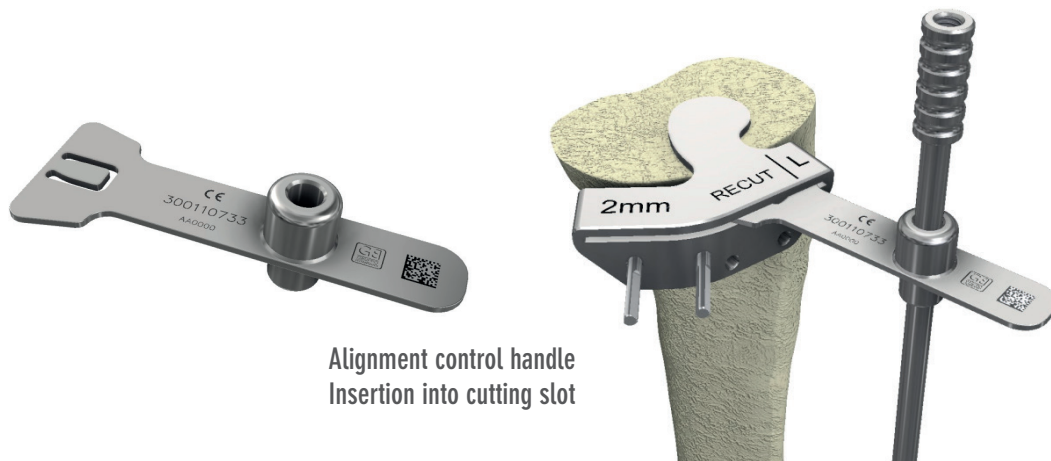


TIBIA: SETTING WITH FLEXION GAP



K-MOD KA Spacer Mod Tib (L/R) (10/16mm) must rest evenly on top of the Tibial Resection Block

PRE-CUT CHECK



VARUS VALGUS CORRECTION: 2°

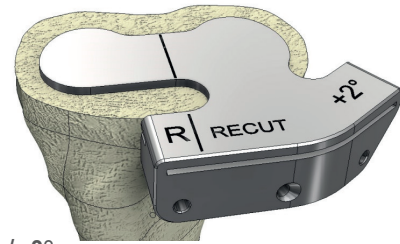
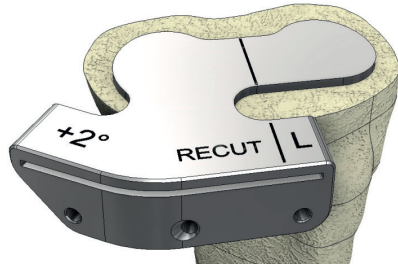


VARUS VALGUS CORRECTION: 2°

Distal femoral correction V/V 2°
Holes compatible with K-MOD distal femoral resection block
Holes: -2/+2/+4mm

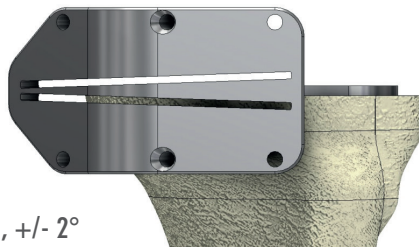


RECUT SLOPE

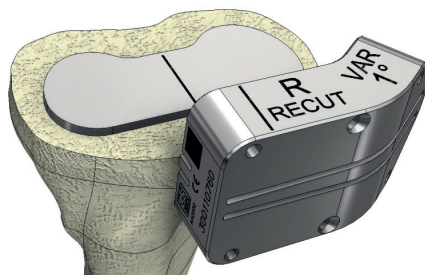
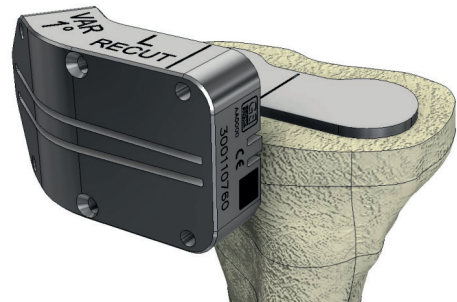


Recut SLOPE: $\pm 2^\circ$
Femur and Tibia
Anatomical (L/R)

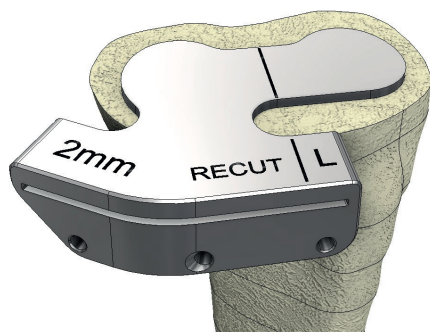
RECUT V/V



Recut V/V: $\pm 1^\circ$, $\pm 2^\circ$
Femur and Tibia
Anatomical (L/R)

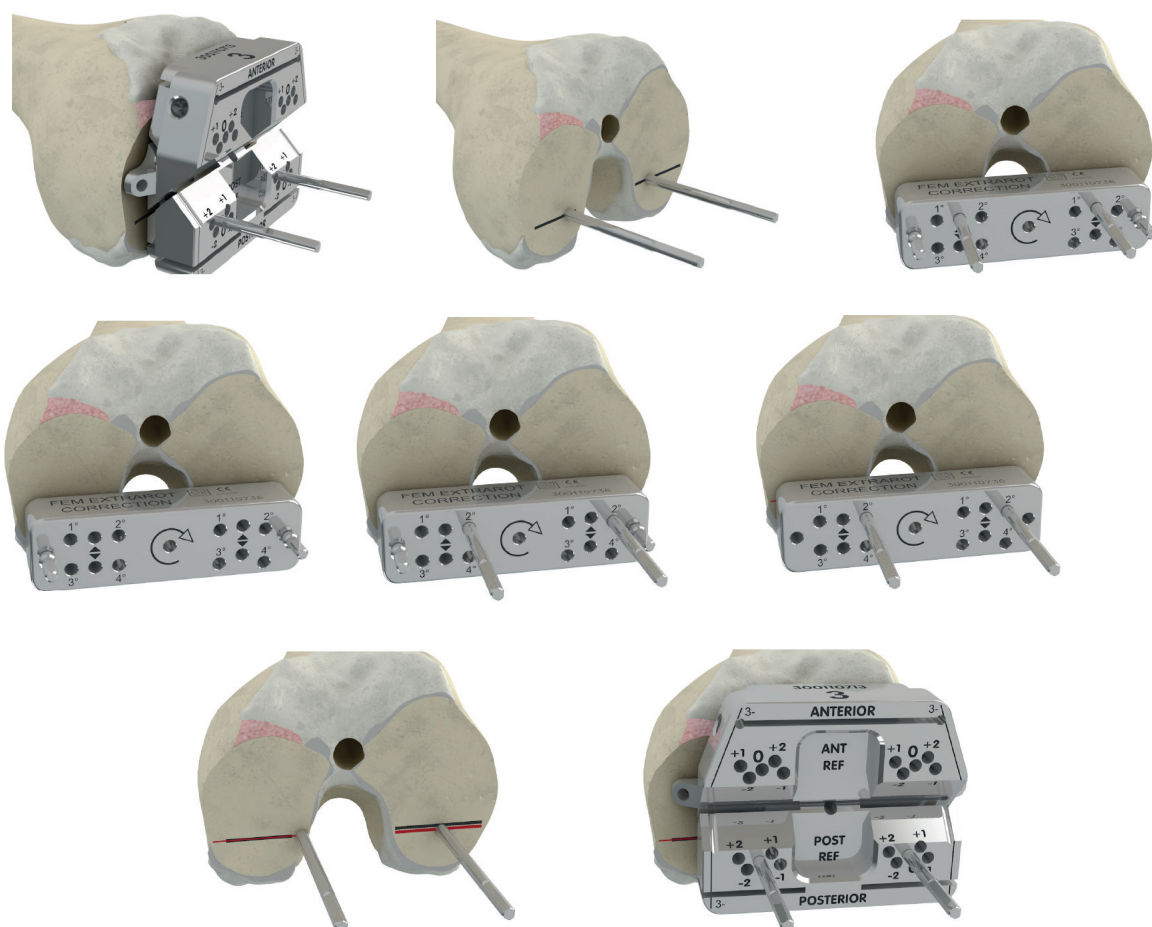


RECUT 2MM

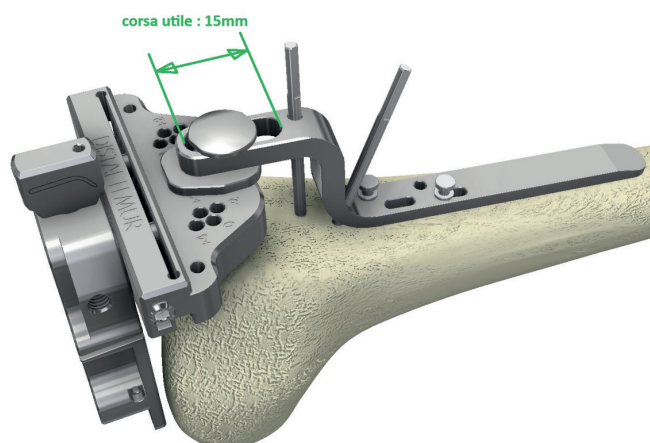
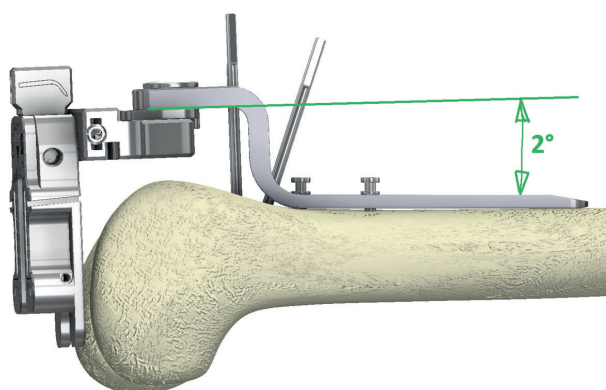


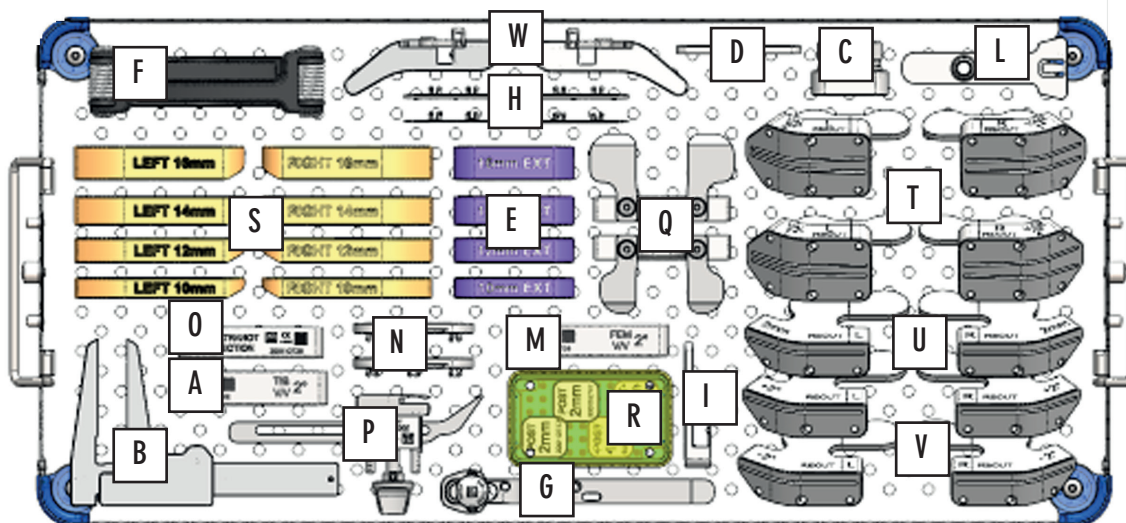
Recut THICKNESS: +2mm
Femur and tibia
Anatomical (L/R)

FEMUR: EXTRAROTATION CORRECTION 1°÷4°



FEMUR: EXTRA-MEDULLARY DISTAL RESECTION





Ref.	Description	Qty	Ref
300110166	K-MOD CORRECTION BLOCK 2°	1	A
300110206	K-MOD PATELLAR CALIBER	1	B
300110721	K-MOD KA EXTRA ALIGNMENT GUIDE	1	C
300110722	K-MOD KA EXTRA VALGUS GUIDE	1	D
300110723	K-MOD KA EXTENSION SPACER 10	1	E
300110724	K-MOD KA EXTENSION SPACER 12	1	E
300110725	K-MOD KA EXTENSION SPACER 14	1	E
300110726	K-MOD KA EXTENSION SPACER 16	1	E
300110727	K-MOD KA EXTRA ANKLE	1	F
300110728	K-MOD KA DIST FEM EXTRAMID GUIDE	1	G
300110730	K-MOD KA DISTAL SPACER CUT 8mm	2	H
300110731	K-MOD KA DISTAL SPACER CUT 7mm	2	H
300110732	K-MOD KA 9mm TEST	1	I
300110733	K-MOD KA SLOT PLATE CHECK AXIS	1	L
300110734	K-MOD KA DISTAL FEM VV 2° BLOCK	1	M
300110735	K-MOD KA D/P FEM MODULAR REFERENCE	2	N
300110736	K-MOD KA FEM EXTRAROT CHANGE BLOCK	1	O
300110743	K-MOD KA TIBIAL STYLUS ADJUSTABLE	1	P
300110744	K-MOD KA FIXED EXTRAROT 0 SMALL	1	Q
300110745	K-MOD KA FIXED EXTRAROT 0 LARGE	1	Q
300110746	K-MOD KA WEDGE POST 1mm	2	R
300110747	K-MOD KA WEDGE POST 2mm	2	R

Ref.	Description	Qty	Ref
300110750	K-MOD KA MODULAR SPACER TIBIA L 10	1	S
300110751	K-MOD KA MODULAR SPACER TIBIA L 12	1	S
300110752	K-MOD KA MODULAR SPACER TIBIA L 14	1	S
300110753	K-MOD KA MODULAR SPACER TIBIA L 16	1	S
300110756	K-MOD KA MODULAR SPACER TIBIA R 10	1	S
300110757	K-MOD KA MODULAR SPACER TIBIA R 12	1	S
300110758	K-MOD KA MODULAR SPACER TIBIA R 14	1	S
300110759	K-MOD KA MODULAR SPACER TIBIA R 16	1	S
300110760	K-MOD KA BLOCK TIB RECUT VARUS 1°	1	T
300110761	K-MOD KA BLOCK TIB RECUT VARUS 2°	1	T
300110763	K-MOD KA BLOCK TIB RECUT VALGUS 1°	1	T
300110764	K-MOD KA BLOCK TIB RECUT VALGUS 2°	1	T
300110767	K-MOD KA BLOCK TIBIA RECUT L 2mm	1	U
300110768	K-MOD KA BLOCK TIBIA RECUT R 2mm	1	U
300110770	K-MOD KA BLOC TIB RECUT SLOPE L +2	1	V
300110771	K-MOD KA BLOC TIB RECUT SLOPE L -2	1	V
300110772	K-MOD KA BLOC TIB RECUT SLOPE R +2	1	V
300110773	K-MOD KA BLOC TIB RECUT SLOPE R -2	1	V
300110776	K-MOD KA RESECT BLOCK TIBIA L 3	1	W
300110778	K-MOD KA RESECT BLOCK TIBIA R 3	1	W
300110025	K-MOD KA EXTREME INSTRUMENTS TRAY	1	-
300110015	K-MOD GENERIC COVER	1	-