



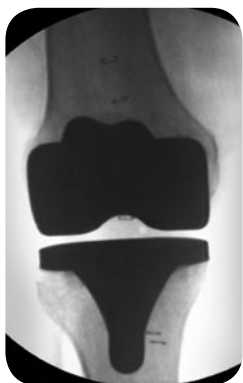
**Natural-Knee[®]
Modular
Cemented
Baseplate**



Designed to meet the challenges of a cemented procedure

Natural-Knee® Modular Cemented Baseplate

The *Natural-Knee* Modular Cemented Baseplate is made from cast cobalt chrome and is designed to optimally address the issues and challenges of a cemented baseplate procedure. The baseplate complements the existing family of baseplates and can be used with the primary, revision and CRK (constrained) femoral components as well as all *Natural-Knee* tibial insert configurations.



A/P and M/L postoperative radiographs



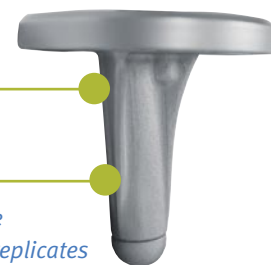
A/P and M/L postoperative radiographs with 75mm stem extensions

Design Rationale

- Keel and boss surface finish affords bone ongrowth and cement adhesion
- Asymmetric design matches the proximal tibia and avoids soft tissue impingement and implant subsidence



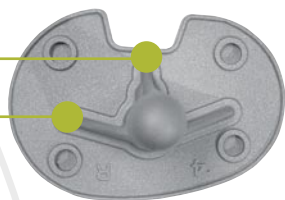
Baseplate keel is anatomically positioned and shaped in the A/P and M/L planes



Built-in 5-degree posterior slope replicates normal anatomy



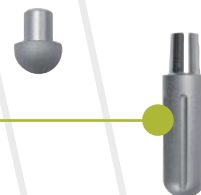
- Outer periphery surface finish of the tibial tray prevents cement adhesion, thus reducing cleanup time
- Inside surface of the tibial tray has a smooth finish to reduce the potential for backside wear
- Reduced boss diameter and thin keel fins are bone-conserving
- Baseplate, distal plug and stem/plug screw are made of cobalt chrome to reduce the potential problems associated with combining dissimilar metals
- Stem/plug screw is “self-captured” to prevent disassembly from the baseplate
- 1mm deep cement pockets have a roughened surface for optimal cement adhesion
- No “through-holes” design eliminates a pathway for cement debris
- Instruments afford predictable, reproducible results; surgical technique is consistent with the existing system



The radius of the keel fins prevents stress risers in the cement and also expands out to the areas of dense bone for optimal anti-rotation

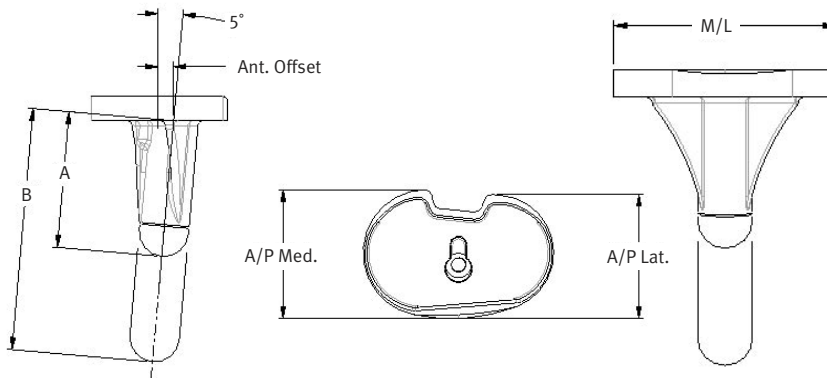


Inside surface of the tibial tray has a smooth finish to reduce the potential for backside wear



75mm stem extension can be used for added stability

Implant Specifications



Size	M/L	A/P Med.	A/P Lat.	Ant. Offset	A	B
00	59	39	36	4.6	40	71.1
0	65	43	39	4.6	40	71.1
1	69	46	42	4.6	46	77.1
2	74	48	42	4.6	46	77.1
3	80	53	47	6.8	55.8	86.9
4	85	58	52	6.8	55.8	86.9
5	90	63	57	6.8	55.8	86.9

Contact your Zimmer representative or visit us at www.zimmer.com