

Knee Hinge

Stability and Transparency in motion

- Knee dislocation
- Multiple ligament disruption without dislocation
- Tibial plateau fracture with or without dislocation
- Articular reconstruction with mass osteo-cartilage implants
- Temporary fixation after removal of infected prosthesis, to maintain range of movement (R.O.M.)

Easy positioning

Micrometric regulations allow for alignment with anatomical axis/planes

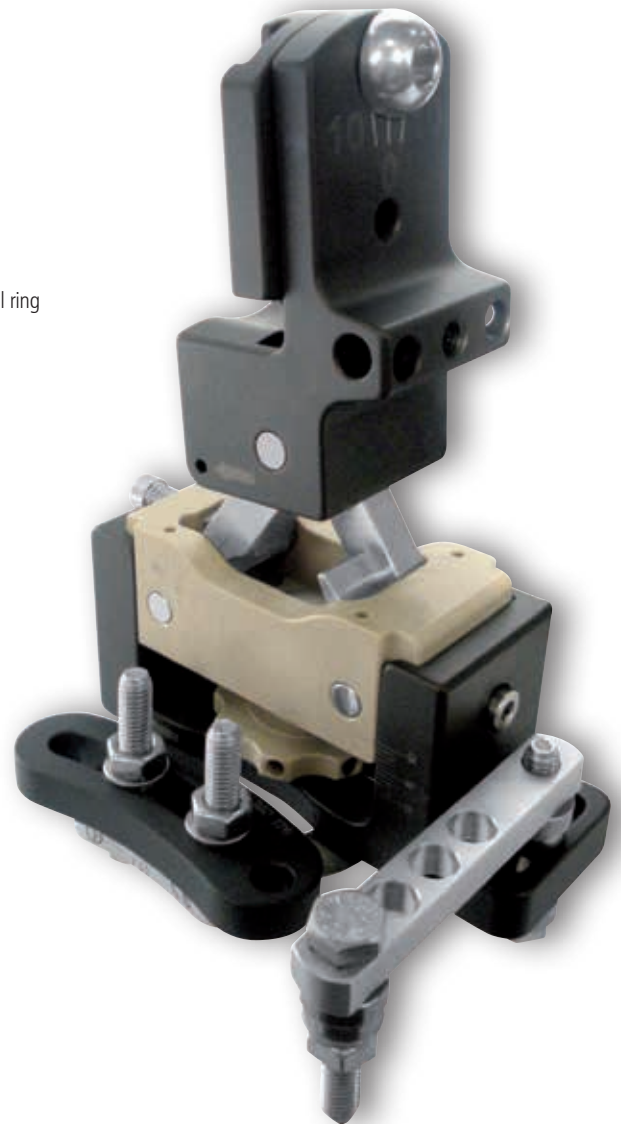
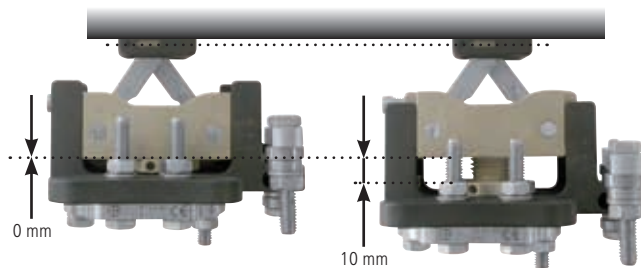
- 2 mm centering hole to allow accurate alignment of the axes during hinge application
- The Ring Support allows the Knee Hinge to be correctly aligned with both femoral rail and tibial ring
- Extension of passive range of movement possible using the compression-distraction unit



Accurate femoral alignment:

- The proximal part of the Knee-Hinge can rotate $\pm 10^\circ$ in the sagittal plane to allow for positioning of the hinge in line with the femoral anatomical axis

- Up to 10 mm knee distraction is possible from the tibial side



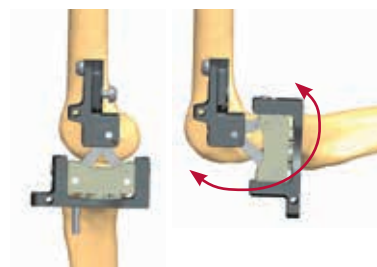
53590 ADV Knee Hinge

Clear view

Radiolucent central body

Ergonomy

Hinge mechanism mimics the knee kinematics



- The hinge mechanism permits a similar range of knee motion to that of the Anterior and Posterior Cruciate Ligaments, from 0° to 90° in the sagittal plane
- Facility for limiting and/or blocking range of motion



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