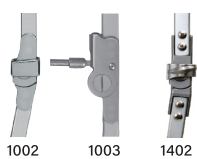
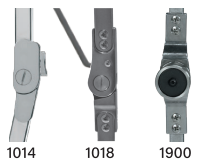


	Model	Biomechanical Control	Application
1 Single Axis	 1005	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion, with extension stop.	Manage genu varum/valgum, knee hyperextension, or genu recurvatum with sufficient quadriceps strength.
2 Offset	 1008	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion, with extension stop when aligned posterior to anatomical knee provides mild resistance to knee flexion.	Manage genu varum/valgum, knee hyperextension, or genu recurvatum. Treatment of mild quadriceps insufficiency.
3 Polycentric	 1009	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion, with extension stop. Polycentric knee axis approximates motion of anatomical knee axis.	Manage genu varum/valgum, knee hyperextension, or genu recurvatum with sufficient quadriceps strength. Improved tracking of knee motion for additional comfort.
4 Lock	 1002 1003 1402	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion, with extension stop. Locked In full extension during stance and swing phase of gait at fixed alignment. Can be released for sitting. Integral stop at end range.	Paralysis, or paresis of knee extensors.
5 Locked at Adjustable Flexion Angle	 1006 1007 1013	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion, with extension stop. Locked at fixed preset flexion angle during stance and swing phase of gait. Can be released for sitting. Integral stop at end range.	Paralysis, or paresis of knee extensors. Accommodates flexion contracture.
6 Stance Control	 9005* 9006 UTX	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion in swing phase of gait, with extension stop. Locked In full extension during stance phase of gait at fixed alignment.	Paralysis, or paresis of knee extensors, with moderate, or greater hip extensor strength and knee contractures less than 10°.
7 Static Progressive	 1014 1018 1900	Coronal plane: Stabilization of varum/valgum in variable positioning. Sagittal plane: Progressively adjustable static flexion angle.	Contracture management for limited ambulators; non weight bearing use. Expectation of progression of extension.
8 Locked at Adjustable Flexion Angle with Adjustable ROM Stop	 1010	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: FREE flexion, with extension stop. Locked at fixed preset flexion angle during stance and swing phase of gait. Can be released for sitting; Integral, adjustable extension stop and variable flexion stop angles.	Paralysis, or weakness of limb where flexion is limited for non weight bearing positioning.
9 Extension Assist	 9000 9015*	Coronal plane: Stabilization of genu varum/valgum. Sagittal plane: Resisted flexion, with extension stop. Extends knee through swing phase of gait. Integrated hyperextension stop. <i>*Includes flexion stop</i>	Mild isolated quadriceps weakness; hip flexor weakness preventing toe clearance through swing phase.