

Overview of Torques for Screw Retention

This table provides an overview of torques for the screw retention of all FIOR & GENTZ system joints and articulated side bars for knee orthoses. You can also find this information in the form of extensive assembly instructions in the instructions for use of the respective article.

System Ankle Joints	Screws	10mm	12mm	14mm	16mm	20mm
NEURO CLASSIC	screw 1, axle screw (S1)	1.5Nm	3Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	1.5Nm	3Nm	4Nm	4Nm	4Nm
NEURO SPRING	screw 1, axle screw (S1)	-	-	4Nm	4Nm	4Nm
	screw 2 (S2)	-	-	4Nm	4Nm	4Nm
NEURO VARIO-CLASSIC	screw 1, axle screw (S1)	-	-	4Nm	4Nm	4Nm
	screw 2 (S2)	-	-	4Nm	4Nm	4Nm
NEURO VARIO	screw 1, axle screw (S1)	1.5Nm	3Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	1.5Nm	3Nm	4Nm	4Nm	4Nm
NEURO VARIO-SPRING	screw 1, axle screw (S1)	-	-	4Nm	4Nm	4Nm
	screw 2 (S2)	-	-	4Nm	4Nm	4Nm
NEURO CLASSIC-SPRING NEURO CLASSIC-SWING NEURO VARIO-CLASSIC 2 NEURO VARIO 2 NEURO VARIO-SPRING 2 NEURO VARIO-SWING NEURO SWING-CLASSIC NEURO SWING NEURO SWING 2	pressing screw and screw 1 (S1)	2.5Nm	4Nm	6Nm	6Nm	6Nm
NEURO SWING H ₂ O	screw 2, axle screw (S2)	1.5Nm	3Nm	4Nm	4Nm	4Nm
NEURO SWING H ₂ O	screw 1, axle screw (S1)	-	3Nm	4Nm	4Nm	4Nm
System Knee Joints						
NEURO CLASSIC zero	screw 1, axle screw (S1)	-	4Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	-	3Nm	4Nm	4Nm	4Nm
NEURO VARIO zero	screw 1, axle screw (S1)	-	4Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	-	3Nm	4Nm	4Nm	4Nm
NEURO CLASSIC	screw 1, axle screw (S1)	-	4Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	-	3Nm	4Nm	4Nm	4Nm
NEURO VARIO	screw 1, axle screw (S1)	-	4Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	-	3Nm	4Nm	4Nm	4Nm
NEURO VARIO 2	screw 1, axle screw (S1)	-	-	-	-	4Nm
	screw 2 (S2)	-	-	-	-	4Nm
NEURO VARIO-SWING	screw 1, axle screw (S1)	-	-	-	-	4Nm
	screw 2 (S2)	-	-	-	-	4Nm
NEURO ACTIVE System Knee Joint	screw 1 (S1)	-	-	-	4Nm	-
	screw 2 (S2)	-	-	-	4Nm	-
NEURO ACTIVE Articulated System Side Bar	screw 1 (S1)	4Nm	-	4Nm	4Nm	4Nm
	screw 2 (S2)	4Nm	-	4Nm	4Nm	4Nm
NEURO CLASSIC H ₂ O	screw 1, axle screw (S1)	-	-	-	-	4Nm
	screw 1, axle screw (S1)	-	-	-	4Nm	4Nm
NEURO MATIC	screw 1, axle screw (S1)	-	-	-	3Nm	4Nm
	screw 2 (S2)	-	-	-	3Nm	4Nm
NEURO TRONIC	screw 1, axle screw (S1)	-	-	-	4Nm	4Nm
	screw 2 (S2)	-	-	-	3Nm	4Nm
NEURO LOCK	screw 1, axle screw (S1)	-	-	4Nm	4Nm	4Nm
	screw 2 (S2)	-	-	3Nm	3Nm	3Nm
NEURO LOCK MAX	screw 1, axle screw (S1)	-	3Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	-	3Nm	3Nm	3Nm	4Nm
NEURO FLEX MAX	screw 1, axle screw (S1)	-	3Nm	4Nm	4Nm	4Nm
	screw 2 (S2)	-	3Nm	3Nm	3Nm	4Nm
NEURO LOCK H ₂ O	screw 1 (S1)	-	-	-	-	3Nm
	screw 2, axle screw (S2)	-	-	-	-	4Nm
Articulated Side Bars for Knee Orthoses						
Articulated Side Bars for Knee Orthoses	screw 1 (S1)	4Nm	4Nm	-	-	-
	screw 2 (S2)	4Nm	4Nm	-	-	-

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