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	24mm
NEURO CLASSIC	screw 1, axle screw (S1)	1.5Nm	3Nm	4Nm	4Nm	6Nm	-
	screw 2 (S2)	1.5Nm	3Nm	4Nm	4Nm	6Nm	-
NEURO CLASSIC Carbon	screw 1, axle screw (S1)	-	-	-	4Nm	-	-
NEURO SWING Carbon	screw 1, axle screw (S1)	-	3Nm	4Nm	4Nm	4Nm	6Nm
NEURO VARIO-CLASSIC NEURO VARIO-SPRING	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 CLASSIC-SPRING NEURO VARIO-SPRING 2	pressing screw and screw 1 (S1)	2.5Nm	4Nm	6Nm	6Nm	6Nm	-
	screw 2, axle screw (S2)	1.5Nm	3Nm	4Nm	4Nm	6Nm	-
NEURO CLASSIC-SWING NEURO SWING-CLASSIC	pressing screw and screw 1 (S1)	2.5Nm	4Nm	6Nm	6Nm	6Nm	-
	screw 2, axle screw (S2)	1.5Nm	3Nm	4Nm	4Nm	6Nm	-
NEURO VARIO-CLASSIC 2 NEURO VARIO 2	pressing screw and screw 1 (S1)	2.5Nm	4Nm	6Nm	6Nm	6Nm	-
	screw 2, axle screw (S2)	1.5Nm	3Nm	4Nm	4Nm	6Nm	-
NEURO SWING NEURO SWING 2	sressing screw and screw 1 (S1)	2.5Nm	4Nm	6Nm	6Nm	6Nm	6Nm
	screw 2, axle screw (S2)	1.5Nm	3Nm	4Nm	4Nm	6Nm	6Nm
NEURO VARIO-SWING	pressing screw and screw 1 (S1)	2.5Nm	4Nm	6Nm	6Nm	6Nm	-
	screw 2, axle screw (S2)	1.5Nm	3Nm	4Nm	4Nm	6Nm	-
NEURO HiSWING	sressing screw and screw 1 (S1)	-	-	-	6Nm	6Nm	-
	screw 2, axle screw (S2)	-	-	-	4Nm	6Nm	-
NEURO HiSWING R+	pressing screw and screw 1 (S1)	-	-	-	6Nm	-	-
	screw 2, axle screw (S2)	-	-	-	6Nm	-	-
NEURO SWING FIT TEST-AFO	pressing screw and screw 1 (S1)	-	3Nm	4Nm	4Nm	4Nm	
System Knee Joints							
NEURO CLASSIC zero NEURO VARIO zero NEURO CLASSIC NEURO VARIO	screw 1, axle screw (S1)	-	3Nm	4Nm	4Nm	4Nm	-
	screw 2 (S2)	-	3Nm	3Nm	3Nm	4Nm	-
NEURO VARIO 2 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 Carbon	screw 1, axle screw (S1)	-	-	3Nm	4Nm	4Nm	-
NEURO MATIC	screw 1, axle screw (S1)	-	-	-	4Nm	4Nm	-
	screw 2 (S2)	-	-	-	3Nm	4Nm	-
NEURO TRONIC	screw 1, axle screw (S1)	-	-	-	4Nm	4Nm	-
	screw 2 (S2)	-	-	-	3Nm	4Nm	-
NEURO HITRONIC	screws for the functional unit (S1 and S2)	-	-	-	-	3Nm	-
	screw for the cover plate, axle screw (S3)	-	-	-	-	4Nm	-
	screw for the cover plate (S4)	-	-	-	-	4Nm	-
NEURO LOCK	screw 1, axle screw (S1)	-	-	3Nm	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 CARBON	screw 1 (S1)	-	-	1.5Nm	3Nm	3Nm	-
	screw 2, axle screw (S2)	-	-	3Nm	4Nm	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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