

Square Shaft (SS) Helical Product Ratings

PRODUCT SERIES	TORQUE RATING ft-lbs (Nm)	ULTIMATE TENSION STRENGTH* kip (kN)	UPLIFT/COMPRESSION CAPACITY LIMIT** kip (kN)
SS 125	4,000 (5400)	60 (267)	40 (178)
SS 1375	5,500 (7500)	75 (334)	55 (245)
SS 5	5,500 (7500)	70 (312)	55 (245)
SS 150	7,000 (9,500)	70 (312)	70 (312)
SS 175	11,000 (14,900)	100 (445)	110 (489)
SS 200	16,000 (21,700)	150 (668)	150 [#] (668)
SS 225	23,000 (31,200)	200 (890)	200 [#] (890)

* Based on Mechanical Strength of Coupling
 ** Based on Torque Rating – Uplift/Compression Capacity Limit = Torque Rating x K_t .
 “Default” K_t for Type SS = 10 ft^{-1} (33 m^{-1})
[#] Based on Mechanical Strength of Coupling Bolt
 Higher Compression Capacities Available with Helical Pulldown® Micropile

