

Chance® Round Shaft (RS) Helical Product Ratings

PRODUCT SERIES	TORQUE RATING ft-lbs (Nm)	ULTIMATE TENSION STRENGTH* kip (kN)	UPLIFT/COMPRESSION CAPACITY LIMIT** kip (kN)
RS2875.165	4,500 (6100)	50 (222)	36 (160)
RS2875.203	5,500 (7500)	60 (267)	44 (196)
RS2875.262	7,500 (10,200)	100 (445)	60 (267)
RS3500.300	13,000 (17,600)	120 (534)	91 (405)
RS4500.337	23,000 (31,200)	140 (623)	138 (614)

* Based on Mechanical Strength of Coupling
 ** Based on Torque Rating – Uplift/Compression Capacity Limit = Torque Rating x K_t
 “Default” K_t for Type RS2875 Series = 8 ft^{-1} (26 m^{-1}); for Type RS3500.300 = 7 ft^{-1} (23 m^{-1});
 for Type RS4500.337 = 6 ft^{-1} (20 m^{-1})

