

Round Shaft (RS) Helix Thickness and Mechanical Strength

DEFAULT (STANDARD)				OPTIONS		
Product Series	Helix Grade ksi (mPa)	Thickness in (mm)	Mechanical Strength kip (kN)	Helix Grade ksi (mPa)	Thickness in (mm)	Mechanical Strength kip (kN)
RS2875.165	50 (345)	3/8 (9.5)	40 (178)	50 (345)	½ (13)	50 (222)
RS2875.203	50 (345)	3/8 (9.5)	40 (178)	50 (345)	½ (13)	50 (222)
RS2875.262	50 (345)	3/8 (9.5)	40 (178)	50 (345)	½ (13)	50 (222)
RS3500.300	50 (345)	½ (13)	60 (267)	50 (345)	3/8 (9.5)	50 (222)
RS4500.337	50 (345)	½ (13)	60 (267)			

The mechanical strength ratings are minimum values. The helix diameter, grade, and thickness along with the shaft series to which an individual helix is connected effect the mechanical strength rating of a helix. A higher mechanical strength rating of an individual helix is possible depending on the combination of these variables.