

Round Shaft (RS) Helical Section Properties

PRODUCT SERIES	SHAFT SIZE in (mm)	WALL THICKNESS in (mm)	METAL AREA in ² (cm ²)	PERIMETER in (cm)	MOMENT OF INERTIA in ⁴ (cm ⁴) <i>I_{x-x}, I_{y-y}, I_{x-y}</i>	SECTION MODULUS in ³ (cm ³)	
						<i>S_{x-x}</i> <i>S_{y-y}</i>	<i>S_{x-y}</i>
RS2875.165	2.875 (73)	0.165 (4.2)	1.4 (9.0)	9.0 (22.9)	1.29 (53.7)	0.90 (14.7)	0.90 (14.7)
RS2875.203	2.875(73)	0.203 (5.2)	1.7 (11.0)	9.0 (22.9)	1.53 (63.7)	1.06 (17.4)	1.06 (17.4)
RS2875.262	2.875 (73)	0.262 (6.6)	2.2 (14.2)	9.0 (22.9)	1.85 (77.0)	1.29 (21.1)	1.29 (21.1)
RS3500.300	3.5 (89)	0.300 (7.6)	3.0 (19.5)	11.0 (27.9)	3.89 (162)	2.23 (36.5)	2.23 (36.5)
RS4500.337	4.5 (114)	0.337 (8.6)	4.4 (28.4)	14.1 (35.9)	9.61 (400.0)	4.27 (70.0)	4.27 (70.0)