



<b>Product Ratings</b>						
<b>Helix Plate Material A572-50 Grade .38 / .50 / .75</b>						
<b>Model</b>	<b>Shaft Size</b>	<b>Material KSI</b>	<b>Compression Load Limit</b>	<b>Ultimate Tension</b>	<b>Torsional Strength</b>	<b>Load Capacity</b>
E150	1.500 - BAR	50 ksi	60,000 lbs.	70,000	5,500 ft-lb	55 Kips
E175	1.750 - BAR	50 ksi	90,000 lbs	100,000	10,000 ft-lb	100 Kips
EP237	2.375 OD- .190	75 ksi	50,000 lbs.	45,000	4,500 ft-lb	45 Kips
EP287	2.875 OD- .217	75 ksi	120,000 lbs.	115,000	9,500 ft-lb	85 Kips
EP350	3.50 OD- .254	75 ksi	140,000 lbs.	140,000	15,500 ft-lb	109 Kips
EP450	4.50 OD- .290	75 ksi	170,000 lbs.	170,000	24,000 ft-lb	144 Kips
EPH450	4.50 OD- .337	55 ksi	195,000 lbs.	190,000	30,000 ft-lb	180 Kips
EPH550	5.50 OD - .362	75 ksi	280,000 lbs.	270,000	40,000 ft-lb	200 Kips
EPH662	6.625 OD - .562	55 ksi	350,000 lbs.	340,000	52,000 ft-lb	260 Kips
EPH862	8.625 OD - .322	55 ksi	490,000 lbs.	475,000	70,000 ft-lb	350 Kips
EPH107	10.750 OD- 365	55 ksi	580,000 lbs.	560,000	125,000 ftlb	500 Kips
EPH127	12.750 OD-.375	55 ksi	635,000 lbs.	610,000	140,000 ftlb	560 Kips

**Note:** These are our most common shaft sizes, but we can custom manufacture helical piles up to 24" diameter with a .875 wall and up to a 42" helix to suit your specified material requirements and standards.

The capacities shown above for ultimate compression, tension and torsional strength values are determined by statistical analysis of laboratory testing results. A minimum factor of safety of 2.0 is recommended for determining allowable capacity from correlations with final installation. Load test are recommended.