

Helical Steel Piers

| Shaft Size | 1-1/2" sq. | 1-1/2" sq. | 1-3/4" sq. |
|----------------------------|------------------------|-----------------------|-----------------------|
| Galvanization | ASTM A153 | ASTM A153 | ASTM A153 |
| Material Grade | ASTM A576 Grade C-1045 | ASTM A576 Grade 1530M | ASTM A576 Grade 1530M |
| Minimum Yield Strength | 45 ksi | 60 ksi | 45 ksi |
| Minimum Tensile Strength | 82 ksi | 110 ksi | 110 ksi |
| Ultimate Torque Capacity | 6,000 ft-lbs | 7,000 ft-lbs | 10,000 ft-lbs |
| Ultimate Capacity (C or T) | 70 kips | 70 kips | 100 kips |
| Working Capacity (C or T) | 35 kips | 35 kips | 50 kips |

Brackets

| Bracket Type | Standard | Light Duty |
|-------------------|-----------|------------|
| Galvanization | ASTM A153 | ASTM A153 |
| Ultimate Strength | 60 kips | 15 kips |
| Working Capacity | 30 kips | 7.5 kips |

Helix Plates

| Helix Thickness | 3/8" & 1/2" |
|--------------------------|-------------|
| Galvanization | ASTM A153 |
| Material Grade | ASTM A36 |
| Minimum Yield Strength | 36 ksi |
| Minimum Tensile Strength | 36 ksi |