



Nash
Distribution

HELICAL PIERS

High-Capacity Structural Support

Engineered for maximum stability, Nash Distribution helical piers utilize high-strength structural steel to deliver consistent performance in the most demanding soil conditions. Whether mitigating settlement, or supporting new loads, these piers provide the reliability of ICC-ES certified engineering. Available in single, double and triple helix configurations (8" to 14" diameter) with a 45° beveled leading edge. This system allows for cleaner soil displacement and higher installation efficiency.

CODE-COMPLIANT AND CERTIFIED

ICC-ES certified and California
Building Code compliant

VERSATILITY AND INTEGRITY

Options available in single,
double and triple helix designs

SUPERIOR COUPLING SYSTEM

Provides rigidity and precision
during installation

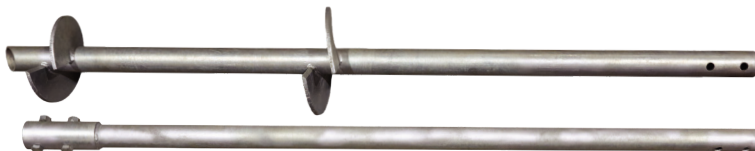
CORROSION PROTECTION

Galvanized coating for
50-year life expectancy

NASH DISTRIBUTION HELICAL PIER SYSTEM

IMHPUPBKIT	Underpinning Bracket (Hardware included)
IMHPEX7	7' Extension (Bolt/Nuts included)
IMHPLS12L7	7" Lead Section Single 12" Helix
IMHPLS810L7	7" Lead Section Double 8"10" Helix

COMPONENT	SPECIFICATION	STRENGTH
Shaft Diameter	2.875" OD (0.217" Wall)	70 ksi Tensile
Helical Plates	3/8" or 1/2" Thickness	65 ksi Tensile
Max Installation Torque	6,818 ft-lbs	Kt= gft -1



KEY APPLICATIONS

- New Residential Construction
- Commercial Foundation Support
- Foundation Underpinning (Existing Structures)
- Decks, Boardwalks, and Pedestrian Bridges
- Equipment Tie-downs and Tower Support

PERFORMANCE STATISTICS (ASD)

- Allowable Compression: 30.7 KIPS
- Allowable Tension: 26.9 KIPS
- **ESR-5473 CERTIFIED**
- 2024, 2021, 2018, and 2015 IBC & IRC
- California Building Code (CBC & CRC)



Note to Engineers: For specific lateral load analysis and unbraced length calculations, refer to the full ICC-ES ESR-5473 report.



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