

CHANCE[®] RS4500.337 HELICAL PILES

**4-1/2" DIAMETER HELICAL PILES FOR UP TO 150 KIPS
OF ULTIMATE CAPACITY**

CHANCE[®] RS4500.337 (4.5" outside diameter, .337" wall thickness) Helical Piles provide an excellent solution for applications in soft soils requiring considerable lateral resistance or when buckling concerns exist. Extendable, they can be installed as deeply as necessary to reach the required load bearing stratum in soil.

FEATURES AND BENEFITS

- Capable of up to 25,000 foot pounds of installation torque
- Up to 150,000 pound ultimate capacity (75,000 pound working load)
- Extendable: Utilizing 3.5 foot, 5 foot, 7 foot, and 10 foot extensions with integrally formed connections for ease of attachment
- Excellent option for soft soils when buckling is a concern
- Superior lateral load resistance
- International Building Code Evaluated
- Predictable Load Capacities
- Ideal for limited access areas
- Rapid Installation
- Minimal vibration and noise during installation
- No de-watering required
- Limited or no spoils



Catalog Number	Description
C1070889	LEAD, RS4500.337, 8/10/12 X 7FT
C1070943	LEAD, RS4500.337, 10/12/14 X 7FT
C1070890	LEAD, RS4500.337, 8/10/12/14 X 10FT
C1070892	LEAD, RS4500.337, 10/12/14/14 X 10FT
C1072466CU	EXTENSION, RS4500.337, 3.5FT
C1072467CU	EXTENSION, RS4500.337, 5FT
C1072468CU	EXTENSION, RS4500.337, 7FT
C1072469CU	EXTENSION, RS4500.337, 10FT
C1070886CU	EXTENSION, RS4500.337, 14 X 5FT



BUILDING CODE EVALUATED:

Hubbell Power Systems, Inc. CHANCE® Type RS4500 Helical Foundation System complies with the provisions of the 2018 International Building Code.

ICC-ES evaluation report ESR-2794 provides guidance to code officials in the use of this product and others under these codes. The evaluation report is available online at www.icc-es.org.

Hubbell Power Systems, Inc. currently offers more helical pile products evaluated by ICC-Evaluation Services for building code compliance than any other helical pile manufacturer. That means designers can specify a range of helical piles from 1-1/2" square shaft to 4-1/2" diameter pipe shaft and be assured that the CHANCE products they select have been thoroughly evaluated by independent design professionals to meet or exceed the design requirements in all building codes based on the International Building Code. More products evaluated means CHANCE brand helical piles can be used for a wider range of loads than any other helical pile manufacturer.

SS/RS COMBINATION (COMBO) HELICAL PILES PROVIDE FLEXIBILITY

Combine a solid steel square shaft (SS) lead section with the RS4500 round shaft (RS) extension section for a Combo Pile with more efficient load capacity and easier soil penetration.

Due to its slender size, the SS lead section allows the helical plates to penetrate deeper into hard/dense soil stratum than pipe shaft alone. For comparable helical configurations in a straight pipe shaft pile, the Type SS/RS Combination Pile will require less installation energy and will disturb less soil. For more efficient load capacity with less settlement, the CHANCE SS/RS Combination Helical Pile is a significant improvement over traditional pipe shaft



CATALOG NUMBER	DESCRIPTION	TORQUE RATINGS	KT
C1101443	SS200 to RS4500 Cast Transition	16,000 ft-lb	7
C1101418	SS225 to RS4500 Cast Transition	21,000 ft-lb	7

