

Foundation Repair and Augmentation Systems

for Residential, Commercial and Industrial Applications:

For stabilizing/lifting foundations or retrofitting to increase load capacity, CHANCE® steel piles are installed at intervals around the perimeter at affected locations. Independent of the structure, the piles are extended to depths which attain the installing torque correlated to the required load bearing capacity.

Special brackets are located where needed around the perimeter and secured to the concrete foundation. Then a steel pile is torqued into the soil and connected to each bracket. The brackets permit lifting by hydraulic jacks. Tightening the nuts on the bracket vertical bolts locks off the load.

- Reach competent soil below active zone
- Predictable via torque-to-capacity ratio
- No excavation or spoils to remove
- Loads may be immediately applied
- Installs in limited access/low headroom
- Installs in any weather condition



The 278 Pile System transfers loads to the end of its steel shaft (2 $\frac{7}{8}$ "-diameter pipe, 0.203" wall). Special design's 10" drive plate penetrates rugged soil and blunt shaft end bears on solid rock. For more details, see Bulletin No. 01-0501.



Cutaway close up of drive end bearing on shallow rock stratum



CHANCE® Combo Piles provides maximum installation ease and load capacity per helix plus enhanced lateral stability of the upper section where required. They combine helical lead shafts of 1 $\frac{1}{2}$ " or 1 $\frac{3}{4}$ " square solid steel with either RS2875 or RS3500 pile plain extensions via a transition coupling. For more details, see Bulletin No. 01-0501.



CHANCE® Helical Piles have 1 $\frac{1}{2}$ " to 2" solid square shafts or 2 $\frac{7}{8}$ " and 3 $\frac{1}{2}$ " pipe shafts with helical plates 8" to 16" in diameter. For more details, see Technical Design Manual 01-0605.

HeliCAP® v2.0 Helical Capacity Design Software helps design professionals quickly derive the proper helical pile for site- and load-specific data. For a free demo, visit www.abchance.com. Then contact your local Distributor or Territory Manager about how to get a copy for your PC.

Chance® Round Shaft (RS) Helical Products

Product Series	Max. Design Load (kip)
RS2875.165	18
RS2875.203	22
RS2875.262	30
RS3500.300	45
RS4500.337	70

Note:
Design Load = Pile ultimate capacity divided by a factor of safety of 2.

Design professionals may request a Chance Civil Construction Technical Design Manual (Bulletin 01-0605) from their Distributor or Territory Manager listed on www.abchance.com.

Anchoring the World

With both the CHANCE® and ATLAS™ brands, Chance Civil Construction is the international leader in earth anchoring and structural mitigation. CHANCE Helical piles and ATLAS Resistance® piers are used worldwide to secure residential and commercial buildings, tower foundations, heavy equipment foundations and many other deep foundation applications.

Engineered for dependability and long-term stability, our systems feature exclusive anchoring techniques, tools, designs and sizes that make other foundation methods a thing of the past.

Selected by application, our systems are your first line of defense against poor soil conditions, floods and time.

Demand A Better Foundation

With nearly 400 dealers and distributors nationwide and in Canada, we are ready to provide you everything you need to get the job done right. We offer engineering guidance, field supervision, accessibility, warehouses, material traceability, AWC-certified welders, technical support and complete documentation.

Ask a distributor near you for our comprehensive design manual (hardcopy or CD) or download a complete Sample Specification Guide online. Demand a better foundation today. Locate your nearest distributor at our web site below.

Down. Right. Solid.

Our tagline is our promise. Our foundation and anchoring products go **down** with power into the ground and are accurate, level and **right** the first time. The result is **solid** stability.

CHANCE
Civil Construction

CHANCE™
Since 1912
DOWN. RIGHT. SOLID.

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Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

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