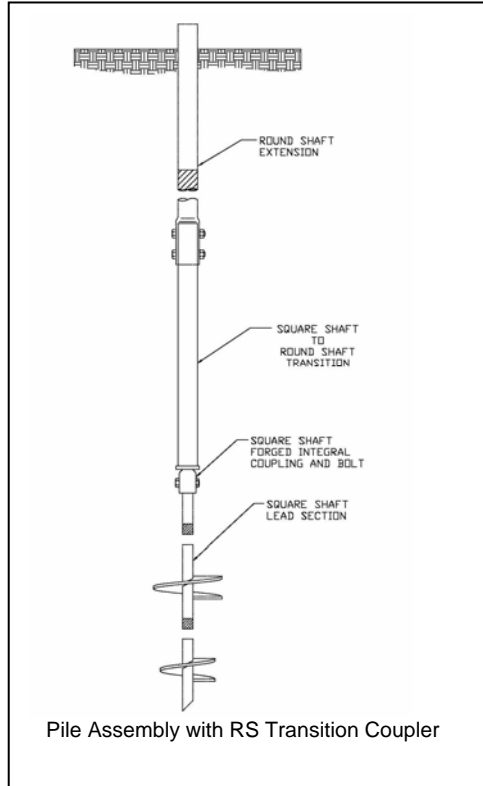


## TYPE SS/RS COMBINATION HELICAL PILES



### Chance® Helical Transition Coupler

Adapts Type SS to Type RS Pile Shafts

The Type SS/RS Combination Pile is used mainly in compression applications in areas where soft/loose soils are located above the bearing strata (hard/dense soils) for the helices. The Type RS material with a much greater section modulus will resist columnar buckling in the soft/loose soil. The Type SS material will allow adequate penetration of the helices into the hard/dense material without “spin-out”, i.e., loss of thrust of the helices in the soft/loose material.

The transition section (*see diagram to left*) adapts Type SS helical lead sections to Type RS plain extensions. Installation of this combination pile is the same as a standard helical pile. The table below provides the various standard transition couplers that are available along with their ratings. Special transition couplers, such as RS2875 to RS4500, are also available. Please contact your area CHANCE® Civil Construction Distributor for availability and delivery times.

**The design should be prepared by a Registered Professional Engineer with suitable soil information.**

#### Transition Couplers

CATALOG NUMBER	DESCRIPTION	TORQUE RATINGS
C278-0150	SS5/SS150 square shaft to a RS2875.203 round shaft	5,500 ft-lbs
T107-0808	SS175 square shaft to a RS3500.300 dia round shaft	11,000 ft-lbs
T107-0809	SS200 square shaft to a RS3500.300 dia round shaft	13,000 ft-lbs