

**Slanted Fins on Steel Piles Provide Tension Resistance**

Spin-fin piles have been developed for use in numerous applications where uplift loads are anticipated and where there is likelihood of high tension loads. A spin-fin pile is a driven pipe with steel fins welded at a batter near the tip, giving the pile a screw-like appearance and characteristic at the tip. The fins can be easily shop or field fabricated and attached. Because of their unique deformation characteristics, these piles exhibit redundancy without catastrophic failure. The result is a more predictable and reliable tension pile. End bearing or pile compression capacity is also greatly improved. The spin-fin pile has been developed to provide an economical option to driven tension pile foundations.

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