## PC-150 FOR HPC-15 & HPC-15X

NEW CONSTRUCTION FLAT PLATE BRACKET FOR COMPRESSION APPLICATIONS FOR HELI-PILE® HELICAL PILE HPC-15 & HPC-15X

6"x6"x<sup>1</sup>/<sub>2</sub>" A36 STEEL PLATE, WELD TO TOP OF SQUARE COUPLER, <sup>1</sup>/<sub>4</sub>" FILLET

2"X2"X3" A500 Gr B STEEL STRUCTURAL TUBE (SQUARE COUPLER) FASTENED TO TOP OF STEEL PIER SHAFT WITH WELD, BOLT OR EPOXY

NEW HELI-PILE ® HELICAL PILE, HPC-15 & HPC-15X. PIER DEPTH DEPENDS ON PIER LOAD AND SOIL CONDITIONS

THE ULTIMATE MECHANICAL COMPRESSION CAPACITY OF THIS BRACKET IS 110.000 LBS WHEN BOLTED, WELDED, OR EPOXY GLUED TO THE STEEL PIER SHAFT.

WHEN BOLTED WITH AN SAE J429 Gr 5  $\frac{3}{4}$ " DIAMETER BOLT, EQUAL OR BETTER, THE ULTIMATE MECHANICAL TENSION CAPACITY IS 46.000 LBS

SINGLE OR MULTIPLE HELIX, NUMBER AND DIAMETER OF HELICES DEPENDS ON PIER LOAD AND SOIL CONDITIONS

NEW CONSTRUCTION FLAT PLATE COMPRESSION BRACKET - SQUARE COUPLER FOR HELI-PILE® HPC-15 & HPC-15X HELICAL PILES

**NO SCALE** 





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**SPECIFICATION** SHEET

**NEW CONSTRUCTION** COMPRESSION BRACKET

SHEET 1 OF 1 PC-150.DWG DRAWN BY: ENGINEER: DATE:

RJV

JSP

REVISION: 9/2/09 0