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Penetrator™ Installation Instructions

PE36 PE46-Guy PE46-Hex PE46-Hex8

Installation Tools

PE36

- 2" 6-point socket

PE46-Hex

- 2" 6-point socket

PE46-Guy

- 2" 6-point socket

PE46-Hex8

- 1-3/4" 6-point socket

Auger bit/Masonry bit-*only needed if pre-drilling is required*

- Up to 2" bit
 - Do not use a bit any larger than 2"
 - The 3" wide flights must have soil to "bite" into



Installation Methods

Manual Installation

- 1" square drive ratchet
 - Add steel pipe (cheater bar) to the handle of ratchet for leverage for manual installations



TIP: Add a steel pipe to the handle of a ratchet wrench for leverage.

Impact Wrench Installation

- Electric Impact
 - Suggested minimum of 750ft lbs. of torque
 - Makita TW1000 or equivalent
- Air Impact
 - Compressor must provide constant 95 psi
- Power Take Off (PTO)*
 - Tractor, Bobcat, Skid Steer, etc.
 - *Make sure socket stays in line with the Penetrator™ or anchor can bow and fail
 - Adjust and move PTO socket during installation to ensure alignment is directly in-line with Penetrator™

Pre-drill

- Pre-drilling is necessary when installing Penetrators™ in asphalt, frozen, hard or rocky soil
 - Auger with post hole digger
 - Long masonry bit

Drive the anchor to the required depth

- For guy-wire applications, drive the anchor into the earth at the same angle it will be guyed or tied off at
- Screw into the soil until the flange is at or below soil level