

Hand Installation Tool Instructions

Always work within recommended torsion forces when using Ground Screw Installation Tools (Electric & Manual). The bayonet connection of the Ground Screw is rated for a maximum torsion force of 1200 NM. Should this value be exceeded during installation, damage to the connection may occur.

Installation safety

Contact “Call before you dig” for a free utility check before beginning any ground penetrating work. All positions marked for installation of Ground Screws must be tested for potential obstacles such as buried cables, pipelines or any other type of structure.

Architectural drawings or available plans of previous construction should be consulted to avoid work interference. It is the Ground Screw Installer’s responsibility to provide a safe working environment. Possible ground shifting, high water tables, extreme frost penetration, high PH vales or any other type of abnormality, will require special consideration when installing the proper Groud Screw combination. In circumstances of abnormal installation conditions, BAYO.S will void all product warranties.

Equipment Preparation

- **Personal Protective Equipment**
- **Hammer**
- **Selected BAYO.S Products**

Installation Preparation

- Create a pilot hole by hammering the provided stake straight into the ground.
- **Tip:** If you come across an obstacle (a rock, a tree root) pre-drill using rockdrilling equipment.
- **Tip:** In cases of extremely hard soil, reverse the Screw and pour water into the created hole and let it soak.

Ground Screw Installation

By hand and with slight downward pressure, turn the Ground Screw Tip A clockwise into the previously spiked pilot hole. Continue with a few rotations until the Ground Screw is self supported in the ground.

Assemble the Installation Tool, insert it on the top of the Ground Screw and continue screwing.

When installed to maximum possible depth, remove the installation tool and mount extension or attachment depending on requirements.

- **Tip:** For the Marwall Installation Tool, only one handle may be used when operating in tight spaces.
- **Tip:** In order to obtain stronger leverage, both handles may be assembled for extended length.