

Instructions for use of a hand installation tool

The BAYO.S connecting locks of the ground screw are designed for the maximum torsion load of 1.200 Nm. If this value is exceeded the lock can be damaged.

Installation safety

Call before you dig!

All points marked for the installation of ground screws must be tested for possible obstacles such as underground cables, pipeline and building structures. An architectural drawing or plans for cables/pipeline should be checked. For optimum preparation of the structure it is recommended to check the necessary plans and use the cable/pipeline detection equipment. Any changes made to the ground following the geological survey, such as earthworks, or landfill may require a new survey. Naturally occurring changes in the ground, such as land subsidence, landslides, floods or earthquakes will result in cancellation of all warranties. The damage liability due to insufficient or defective structural analysis is void. Marshy land, high groundwater level, softening of the terrain by heavy rain or flooding prevents proper ground screw installation.



1. Prepare your equipment

- Hand installation tool and pin hammer
- Hammer
- Protective equipment
- Selected products BAYO.S



2. Check and prepare the drilling spot

- Hammer in a pin in the marked spot for easier guiding of the screw
- Tip: If you come across an obstacle (a big rock, a tree root) pre-drill using a 20-30 mm SDS drill
- Tip: pour water into the hard, dry soil



3. Prepare a ground screw for insertion of the installation tool

- Turn the screw manually into a prepared hole.



4. Screw the screw / extension into the ground

- Assemble the installation tool
- Insert it on the standing screw; align vertically
- Turn the ground screw into the ground by turning it clockwise
- When the extension used: Insert the extension on the ground screw using a bayonet and repeat the process



TIP:

You can only use one handle when installing in a narrow space or near the wall



TIP:

If you need to use a stronger lever, assemble handles of the installation tool on one side



5. Fitting with a screw tip

- Fit the selected screw tip
- Secure with the bolt against loosening