

# Ground Screws

## ELT-S60/110



Everlight's series of ground screws provide a solid foundation whatever your project needs. Our ground screws are engineered for easy installation and provide years of dependable service. There is no need for digging or laying a concrete foundation, drastically reducing the costs and time associated with installation. Everlight ground screws also lessen the environmental impact of your solar project, allowing your panel arrays to blend in more naturally into the terrain. Also importantly, Everlight ground screws are easily removable and reusable.

Everlight provides a comprehensive set of foundation solutions with our ground screw series. Our ground screws can provide foundations for protective fences and enclosures, signage posts, flag and billboard poles, sheds and storage buildings, patios and decks, home and park playground equipment, solar module arrays and many other applications. They provide strength and stability no matter what the weather or terrain conditions and are designed to last for many years.

### KEY FEATURES

#### Convenience

- Easy to install, easy to use
- No digging or pouring of concrete needed
- Can be used in all types of soil
- Fastest possible installation time
- Ready for use immediately after installation

#### Environmentally friendly

- Compact design ensures the least impact on ground and surrounding area
- Minimal site preparation needed
- Since there is no need for concrete, the ground remains intact after screws are removed.

#### Durability

- Made with galvanized steel and welded screw threads
- Can be subjected to weight loads immediately after installation
- Provides solid foundation in all weather conditions
- 25-year anti-corrosion guarantee

#### Value

- Reduced installation time and cost
- Minimal materials required; provides the most cost effective foundation solution
- Lowers system buy back times
- Removable and reusable



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## APPLICATIONS

- Flag Poles and Masts
- Timber Construction
- Fencing Systems
- Event Structures
- Boards and Banners
- Gardens and Parks
- Roads and Traffics
- Sheds and Containers

## GROUND SCREW INSTALLATION



Step1  
Twist into the ground.



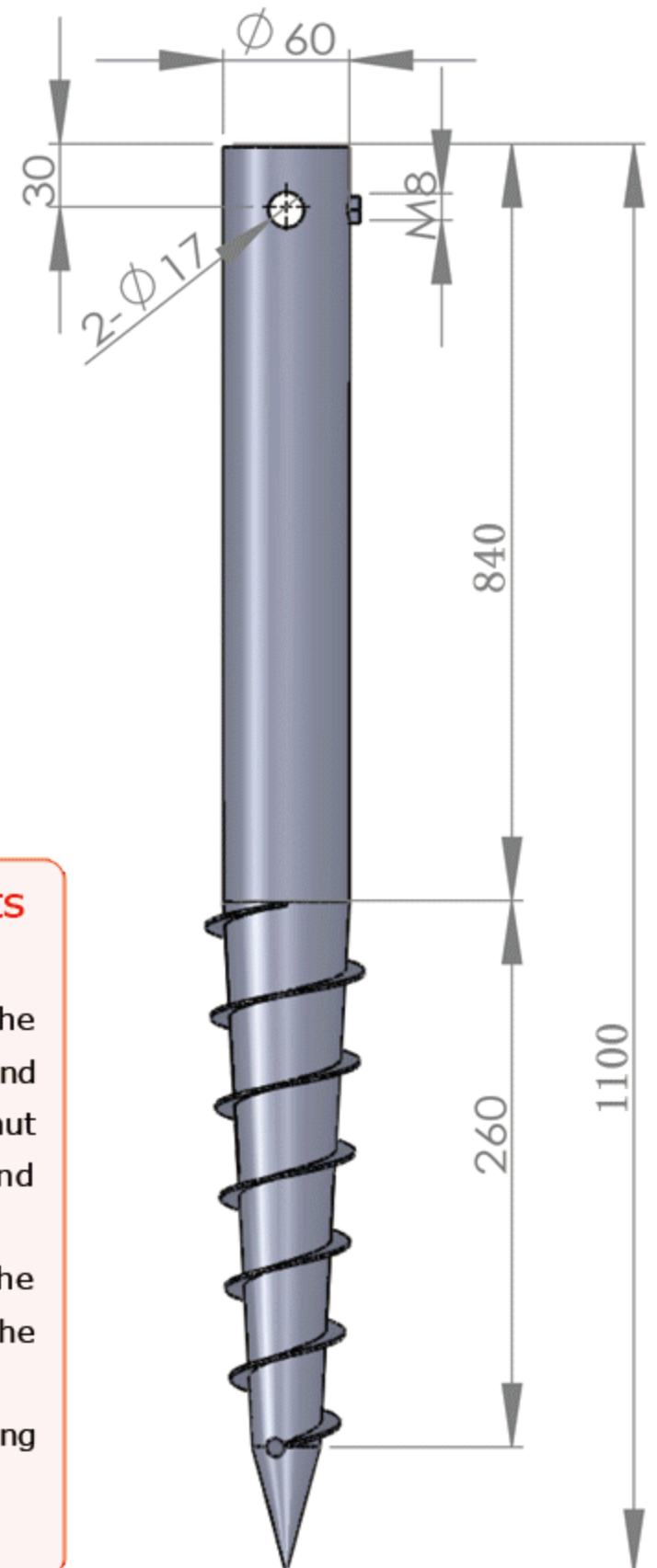
Step2  
Secure 4x4 wood post with lag bolts.



Step3  
Slide decorative post over 4x4.

### Technical Requirements

1. Thickness is 3mm
2. There is a M8 nut welded on the larger side of the ground screw and it's a through-hole where the nut screw hole welded with ground screw
3. Make a hole with  $\phi 9\text{mm}$  at the sharp side of screw shown in the picture
4. The thickness of hot-dip galvanizing on the surface is  $\geq 65\mu\text{m}$
5. Weight is 7.0Kg



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