



SINCE 1946 • ST. LOUIS, MO

# 100% USA-MADE GROUND SCREWS

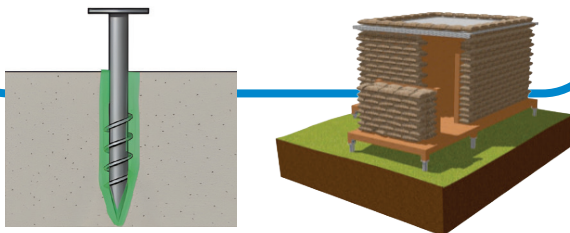
a leading high-volume fabricator of welded assemblies & tubular components for 80 years • #1 USA-made Ground Screw manufacturer  
100% American-made: From American steel mills to domestic tube conversion to our factory to your jobsite



*Ground Screws provide significant advantages over concrete foundations*

## What is a ground screw?

Ground screws are based on the principle of pile foundations – Structural loads are supported via compaction, soil shear at the threads and skin friction. They consist of galvanized steel pipe and a welded-on helical thread screwed into the ground with a high torque screwdriver via the application of torsion and downward pressure. They provide stability for heavy structures, resisting vertical, lateral, and uplift loads.



VS.



- NO digging, NO soil removal, NO hauling of concrete and water!
- Can be installed in minutes and loaded immediately: No cure time (vs. 24-48 hours for concrete) saves days. One man installation in many cases.
- Site & Climate Flexibility: Install in all temperature conditions and on uneven, hard to access terrains.
- Cost Savings: Less labor, less equipment, less clean up.
- Re-usable: When finished with a structure, unscrew and re-use on a new project.
- Robust load-bearing capacity and 50+ year durability.

***NET: Schedule Compression with Greater Installation Flexibility & Durability***

***Ground screws are ideal for many military applications***

|                               |   |
|-------------------------------|---|
| Operational & Tactical:       | Command centers, observation posts, forward operating bases |
| Residential & Administrative: | Barracks, housing, dining facilities                        |
| Storage & Logistics:          | Supply depots, storage (e.g. ammo, fuel)                    |
| Infrastructure:               | Aircraft hangars, utility structures, repair bays           |
| Training & Medical:           | Ranges, training camps, field hospitals                     |