

## **EK-400 Cast Alloy Earth Anchor Tree Kit**

*Required for Installation: ET-400 drive rod; heavy hammer*

<b>EK-400 Tree Anchoring Kit</b>	3 anchor assemblies per kit - sufficient for anchoring one tree
Capacity	300 lbs
Tree Size	up to 3"
Anchor construction	Castable alloy
Anchor length	2 3/4"
Anchor diameter	1/2"
Cable type	Galvanized steel cable
Cable dimension	12' x 1/16"
Tree Collar	Polymer-protected; 3 per kit
Standard depth of installation	16"
Approximate angle of installation	45 degrees
<b>ET-400 Installation Drive Rod</b>	24" x 1/2" solid steel rod turned down to 1/4" at drive end yellow zinc dichromate finish

### **Notes:**

\*Capacity cited to be used as a guideline and was determined using average soil conditions

Holding capacities of any specific anchor will vary in different classes of soils.

A good rule of thumb is the level of resistance when driving the anchor. Strong resistance typically results in solid anchoring.

***Easy to Drive-in = Easy to Pull-out and Hard to Drive-in = Hard to Pull-out.***

### **For accurate anchor selection:**

1. Add an allowance to "load to be held" for safety and changing moisture conditions.
2. Select an anchor and do a test installation at the project site.
3. Perform a pull test to determine if anchor will perform to the project needs.

### **Installation Guidelines:**

Drilling a 2" pilot hold is highly recommended. Begin by inserting the drive tool into the anchor body.

The angle of installation should closely follow that of the proposed guy line.

Backfill the hole created from installation to avoid allowing water to access the driven anchor.