

## EK-680 Cast Alloy Earth Anchor Tree Kit

Required for Installation: ET-680 drive rod; heavy hammer; pre-drilled 2" pilot hole

|                                      |   |
|--------------------------------------|---|
| <b>EK-680 Tree Anchoring Kit</b>     | 3 anchor assemblies per kit - sufficient for anchoring one tree |
| Capacity                             | 1100 lbs  |
| Tree Size                            | up to 6"  |
| Anchor construction                  | Castable alloy  |
| Anchor length                        | 4 3/4"  |
| Anchor diameter                      | 15/16"  |
| Cable type                           | Galvanized steel cable  |
| Cable dimension                      | 13' x 1/8"  |
| Tree Collar                          | Polymer-protected; 3 per kit                                    |
| Standard depth of installation       | 25"   |
| Approximate angle of installation    | 45 degrees  |
| Turnbuckle length                    | 5"; 3 per kit   |
| Turnbuckle min / max                 | 7 1/2" - 10 3/4"  |
| Cable clamps                         | U-bolt style; 6 per kit   |
| <b>ET-680 Installation Drive Rod</b> | 36" x 1/2" solid steel rod<br>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.