American Earth Anchors
The best screw you will have in the dirt™

10AL-72CC Specifications

10" aluminum arrowhead with 6' cable and cable clamps
- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military spec version of this anchor: 10AL-72CC-Mil

Anchor

10" (25 cm)

Cable

Galvanized steel aircraft cable

Diameter: ⅜" (9.5 mm)
Length: 6' (1.8 m)
Breaking strength: 14,400 lb (64 kN)

Available in stainless steel as special order

Cable clamps

Galvanized steel

Use all three clamps for maximum loop strength (approx. 90% of cable breaking strength)

LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 5' (1.5 m)

<table>
<thead>
<tr>
<th>Soil Class 1</th>
<th>Soil Class 2</th>
<th>Soil Class 3</th>
<th>Soil Class 4</th>
<th>Soil Class 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardpan Asphalt</td>
<td>Sandy gravel</td>
<td>Silty/clayey sand</td>
<td>Loose/med dense sands</td>
<td>Loose fine un-</td>
</tr>
<tr>
<td>14,000 lb</td>
<td>11,000 lb</td>
<td>7,000 lb</td>
<td>4,000 lb</td>
<td>compacted sand</td>
</tr>
<tr>
<td>62.3 kN</td>
<td>48.9 kN</td>
<td>31.1 kN</td>
<td>17.8 kN</td>
<td>10.7 kN</td>
</tr>
</tbody>
</table>

Soil classification per ASTM D-2487/2488
**10AL-72CC | Installation**

Drive rod has a drilled hole that fits over the anchor’s pin and seats against the anchor.

1. **DRIVE** anchor to minimum depth of 5’ (1.5 m)
2. **REMOVE** the drive rod
3. **PULL** the cable to turn (“lock”) the anchor

### Into the ground

- **6’ (1.8 m) drive rod**
- **1” (25 mm) diameter**
- **DR-6HT**

### Locking the anchor

- **During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 4-12 inches (10-30 cm).**

#### LEVERAGE
- **Ratchet-lever hoist (“come-along”)**
- **Bumper jack**

#### HYDRAULIC POWER
- **Anchor Locker**

#### ENGINE POWER

### Through asphalt

- **Make slot through asphalt**
- **One method:** Jackhammer with chisel

### Non-vertical load

- **Install at same angle as load for maximum pullout strength**

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Contact us for CUSTOM WORK
Size, length, shape, material, prototypes, cable assemblies

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