



# American Earth Anchors

The best screw you will have in the dirt™

americaneearthanchors.com

QUICK REFERENCE

## 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**

5.5 lb  
(2.5 kg)



#### Anchor



#### Cable

Galvanized steel aircraft cable

Diameter: 3/8" (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)

#### Aluminum arrowheads

4AL-48TH 4AL-60CC 6AL-60TH 6AL-60CC 6AL-120QV  
8AL-60TH 8AL-60CC 10AL-72TH 10AL-72CC

### LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 5' (1.5 m)

Soil Class 1	Soil Class 2	Soil Class 3	Soil Class 4	Soil Class 4
Hardpan Asphalt	Sandy gravel Very dense sand	Silty/clayey sand Silty gravel	Loose/med dense sands Loose sands Firm clays	Loose fine un-compacted sand
<b>14,000 lb</b> 62.3 kN	<b>11,000 lb</b> 48.9 kN	<b>7,000 lb</b> 31.1 kN	<b>4,000 lb</b> 17.8 kN	<b>2,400 lb</b> 10.7 kN

Soil classification per ASTM D-2487/2488

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

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# 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



Hammering head  
DRH-LG



Safety holding handle  
DR-SHH



Sledge hammer



Jackhammer

## 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

