



# American Earth Anchors

The best screw you will have in the dirt™

americanearthanchors.com

QUICK REFERENCE

## 6AL-60CC | Specifications

### 6" aluminum arrowhead with 5' cable and cable clamps

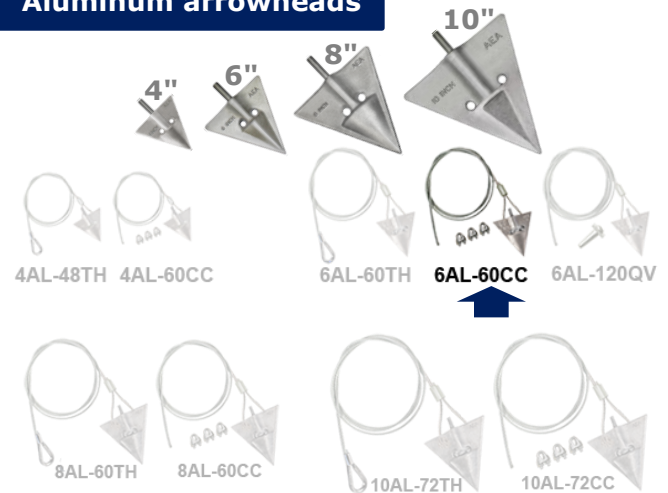
- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military spec version of this anchor: **6AL-60CC-Mil**

2.5 lb  
(1.2 kg)



#### Aluminum arrowheads



#### Anchor



#### Cable

Galvanized steel aircraft cable

Diameter: 1/4" (6.3 mm)

Length: 5' (1.5 m)

Breaking strength:  
**7,000 lb (31.1 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 3 1/2' (1 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>5,000 lb</b> 22.2 kN	<b>3,000 lb</b> 13.3 kN	<b>2,000 lb</b> 8.90 kN	<b>1,200 lb</b> 5.34 kN	<b>600 lb</b> 2.67 kN

Soil classification per ASTM D-2487/2488



#### Contact us for CUSTOM WORK

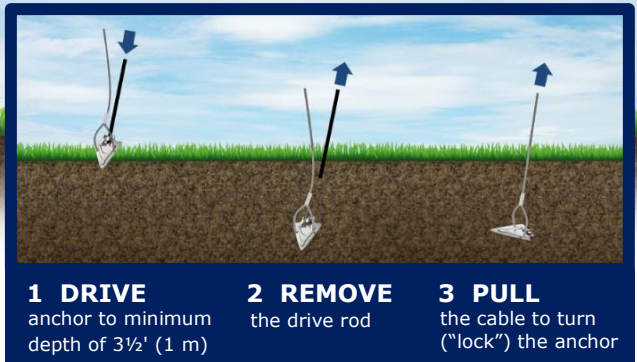
Size, length, shape, material,  
prototypes, cable assemblies



866-520-8511

+1 508-520-8511

## 6AL-60CC | Installation



### Into the ground

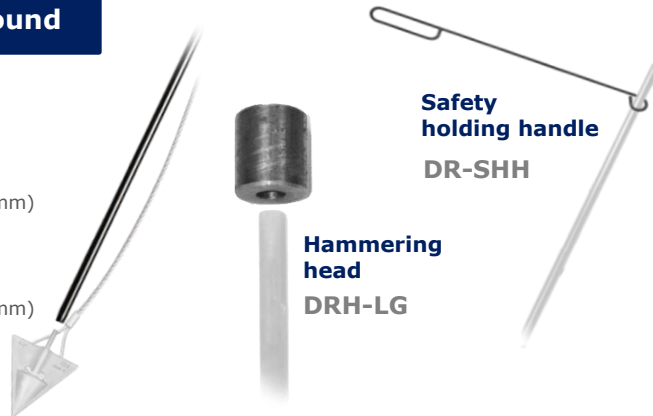
#### 5' or 6' Drive rod

##### DR-5HT

Length: 5' (1.5 m)  
Diameter: 1" (25 mm)

##### DR-6HT

Length: 6' (1.8 m)  
Diameter: 1" (25 mm)



Sledge hammer



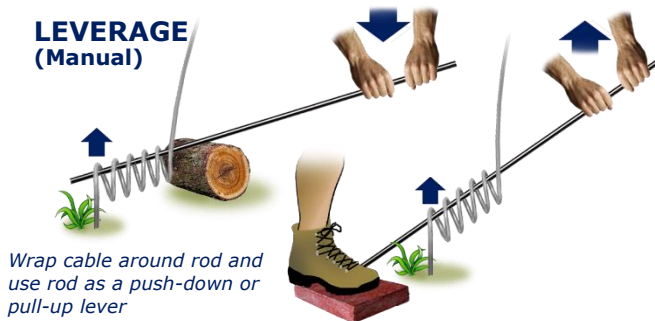
Demolition hammer or small jackhammer  
depending on soil conditions

### Locking the anchor



During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 2-8 inches (5-20 cm).

#### LEVERAGE (Manual)



#### LEVERAGE (Mechanical)



#### HYDRAULIC PULL



Anchor Locker

### Through asphalt

#### Make slot through asphalt



One method:  
Jackhammer with chisel



### Non-vertical load

Install at same angle as load for maximum pullout strength

