



# American Earth Anchors

The best screw you will have in the dirt™

americaneearthanchors.com

QUICK REFERENCE

## 8AL-60CC | Specifications

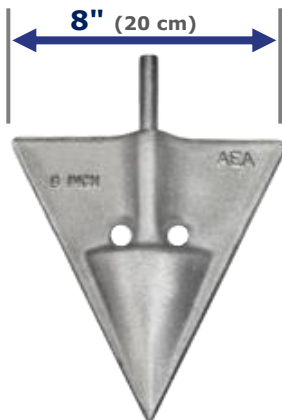
### 8" aluminum arrowhead with 5' cable and cable clamps

- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military spec version of this anchor: **8AL-60CC-Mil**



#### Anchor



#### Cable

Galvanized steel aircraft cable

Diameter: 5/16" (8 mm)  
Length: 5' (1.5 m)

Breaking strength:  
**9,800 lb (43.6 kN)**

Available in stainless steel as special order

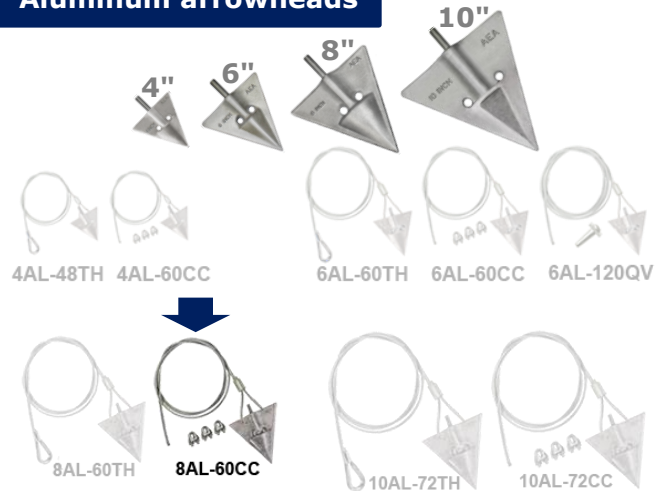
#### Cable clamps

Galvanized steel



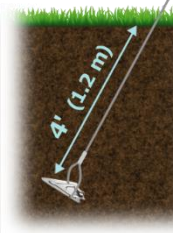
Use all three clamps for maximum loop strength (approx. 90% of cable breaking strength)

#### Aluminum arrowheads



### LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 4' (1.2 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>9,000 lb</b> 40.0 kN	<b>6,500 lb</b> 28.9 kN	<b>3,500 lb</b> 15.6 kN	<b>2,200 lb</b> 9.79 kN	<b>1,250 lb</b> 5.56 kN

Soil classification per ASTM D-2487/2488

© 2018 American Earth Anchors  
QR-8AL-60CC Mar 2018



American Earth Anchors  
info@americanea.com  
americaneearthanchors.com

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



866-520-8511  
+1 508-520-8511

# 8AL-60CC | Installation



- 1 DRIVE**  
anchor to minimum depth of 4' (1.2 m)
- 2 REMOVE**  
the drive rod
- 3 PULL**  
the cable to turn ("lock") the anchor

## Into the ground

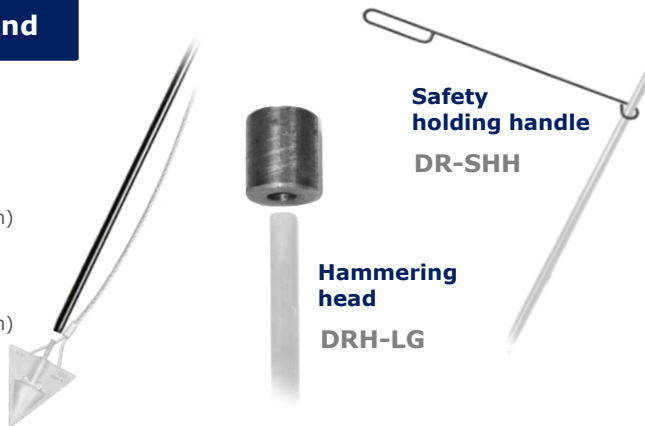
### 5' or 6' Drive rod

#### DR-5HT

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

#### DR-6HT

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



Sledge hammer



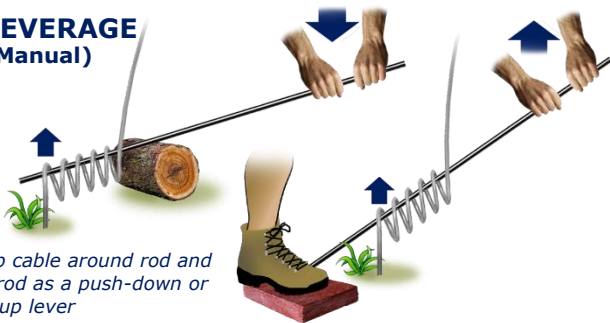
Jackhammer

## Locking the anchor



During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 3-10 inches (8-25 cm).

### LEVERAGE (Manual)



Wrap cable around rod and use rod as a push-down or pull-up lever

### LEVERAGE (Mechanical)



Ratchet-lever hoist ("come-along")



Bumper jack

### 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

