



# American Earth Anchors

The best screw you will have in the dirt™

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QUICK REFERENCE

## 8ALB-60QV Specifications

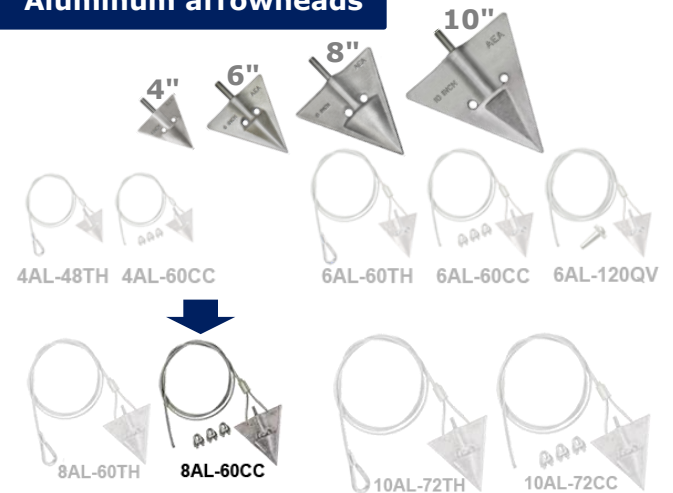
### 8" aluminum arrowhead with 5' cable and Quickvise

- 356 aluminum alloy
- Heat-treated to T6 specification

4.21 lb  
(1.8 kg)

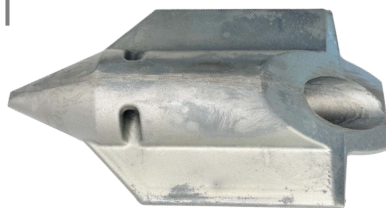


### Aluminum arrowheads



### Anchor

8" (20 cm)



### 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

### Quickvise

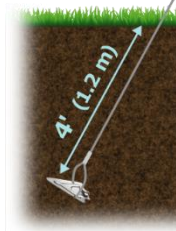
Galvanized steel



Steel jaws hold the cable wherever it stops. You can pull it further, but never back

## 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<br>Asphalt         | Sandy gravel<br>Very dense sand | Silty/clayey sand<br>Silty gravel | Loose/med dense sands<br>Loose sands<br>Firm clays | Loose fine un-<br>compacted sand |
| <b>9,000 lb</b><br>40.0 kN | <b>6,500 lb</b><br>28.9 kN      | <b>3,500 lb</b><br>15.6 kN        | <b>2,200 lb</b><br>9.79 kN                         | <b>1,250 lb</b><br>5.56 kN       |

Soil classification per ASTM D-2487/2488



### Contact us for CUSTOM WORK

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



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## 8ALB-60QV | Installation



Drive rod fits into back of the bullet



**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-5

Length: 5' (1.5 m)

Diameter: 1" (25 mm)

##### DR-6

Length: 6' (1.8 m)

Diameter: 1" (25 mm)



**Hammering head**  
DRH-LG

**Safety holding handle**  
DR-SHH



Sledge hammer



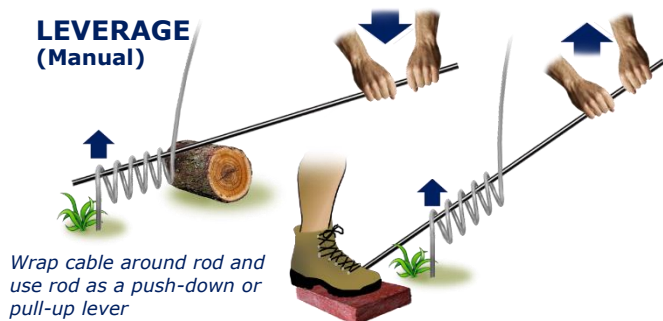
Jackhammer

### Locking the anchor



During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 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

