



American Earth Anchors

The best screw you will have in the dirt™

americanearthanchors.com

QUICK REFERENCE

8AL-60QV | Specifications

8" aluminum arrowhead with 5' cable and cable Quickvise

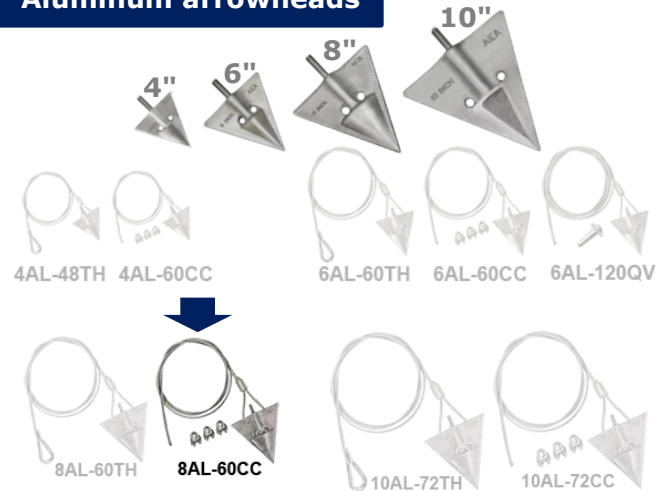
- 356 aluminum alloy
- Heat-treated to T6 specification



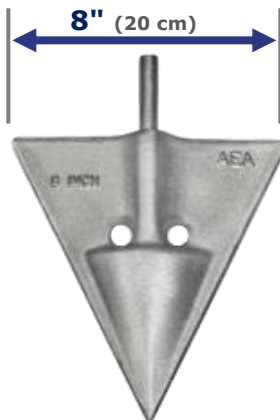
4 lb
(1.8 kg)



Aluminum arrowheads



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

Quickvise

Shell: Aluminum

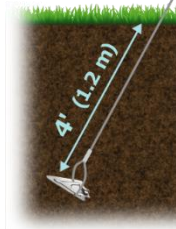
Jaws: Galvanized steel

Spring: Stainless steel



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
9,000 lb 40.0 kN	6,500 lb 28.9 kN	3,500 lb 15.6 kN	2,200 lb 9.79 kN	1,250 lb 5.56 kN

Soil classification per ASTM D-2487/2488



American Earth Anchors
info@americanearthanchors.com
americanearthanchors.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

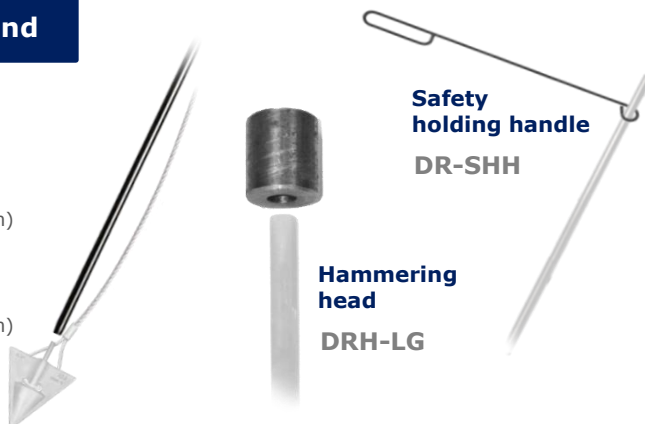
5' or 6' Drive rod

DR-5HT

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

DR-6HT

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



Sledge hammer



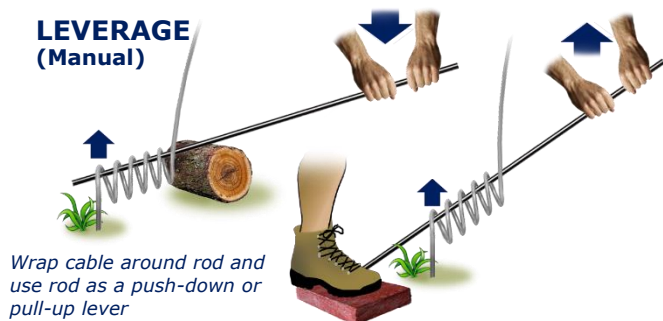
Jackhammer

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)



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

