



American Earth Anchors

The best screw you will have in the dirt™

americanearthanchors.com

QUICK REFERENCE

8ALB-60CC | Specifications

8" aluminum bullet with 5' cable and cable clamps

- 356 aluminum alloy
- Heat-treated to T6 specification

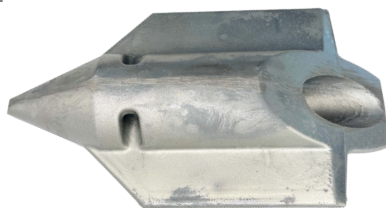


4.22 lb
(1.8 kg)



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

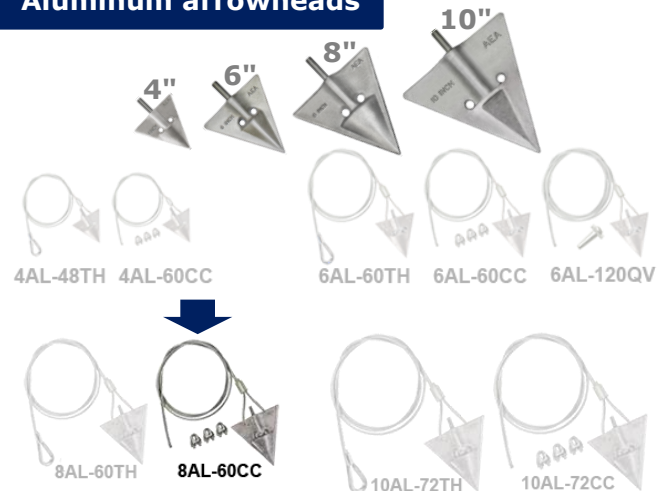
Cable clamps

Galvanized steel



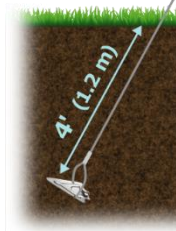
Use all three clamps for
maximum loop strength
(approx. 90% of cable
breaking strength)

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
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



Contact us for CUSTOM WORK

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



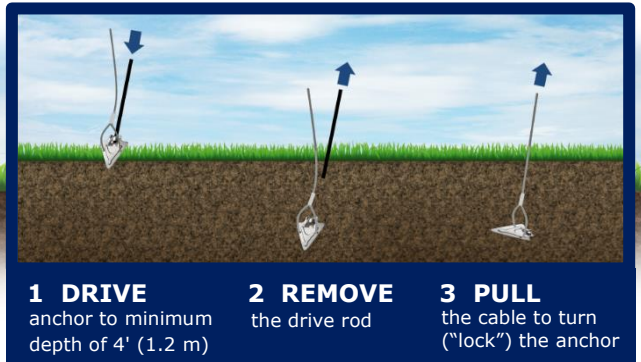
866-520-8511



+1 508-520-8511

8ALB-60CC | Installation

Drive rod fits into back of the bullet



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)

Safety holding handle

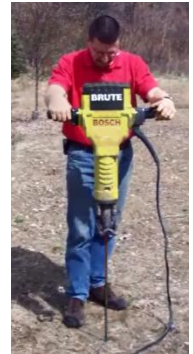
DR-SHH

Hammering head

DRH-LG



Sledge hammer



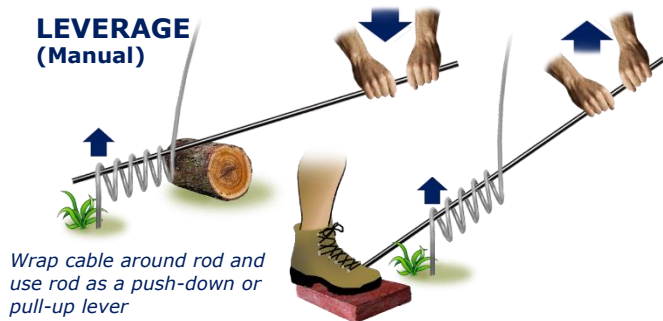
Jackhammer

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)



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

