



American Earth Anchors

The best screw you will have in the dirt™

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QUICK REFERENCE

3ALB-60CC Specifications

3" bullet
with 5' cable and cable clamps



Anchor

Anodized cast aluminum

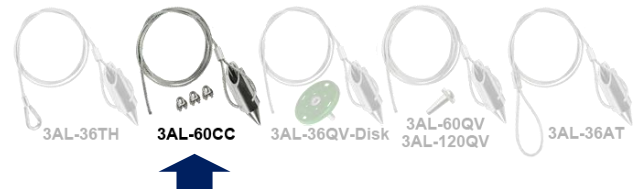
- Aircraft-quality 356 alloy
- Heat-treated to T6 specification

3" (7.5 cm)



Bullets

All have the same bullet anchor, with different cable lengths or type of cable termination



Bullet vs. arrowhead

Streamlined bullet shape is designed for driving through compact or stony soils, gravel, hard clay, and other dense or difficult conditions

.65 lb
(.3 kg)



Cable

Galvanized steel aircraft cable

Diameter: 1/8" (3 mm)
Length: 5' (1.5 m)

Breaking strength:
2,000 lb (8.9 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

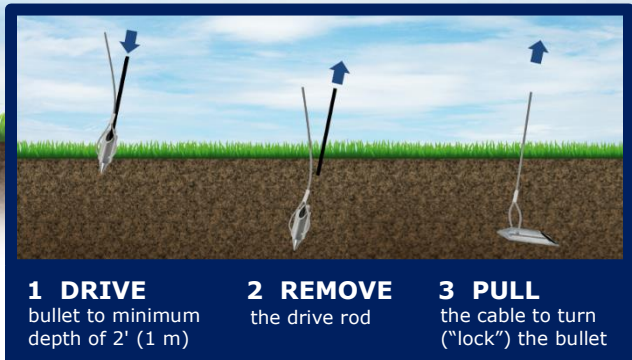
Pullout strength at MINIMUM DEPTH 2' (.6 m)

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
2,000 lb 8.90 kN	1,800 lb 8.01 kN	1,700 lb 7.56 kN	600 lb 2.67 kN	350 lb 1.56 kN

Soil classification per ASTM D-2487/2488



3ALB-60CC Installation

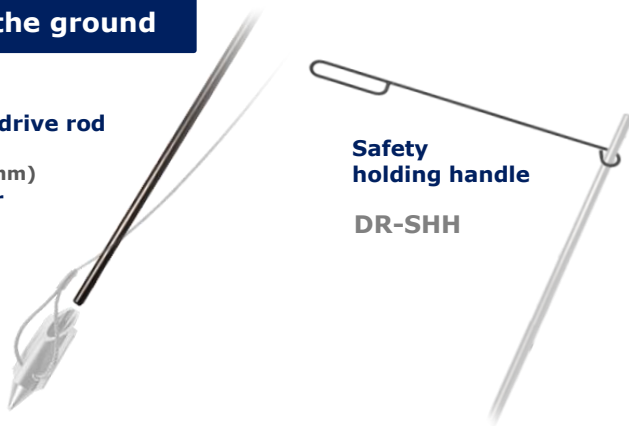


Into the ground

3' (.9 m) drive rod

1/2" (13 mm) diameter

DR-3ST



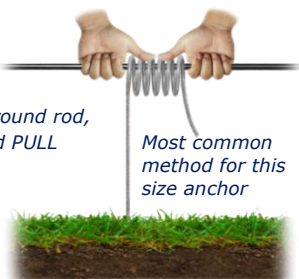
Locking the bullet

During locking, anchor will pull up as it turns, settles, and locks. Depending on soil type, this can typically be 1-4 inches (3-10 cm).

SIMPLE PULL

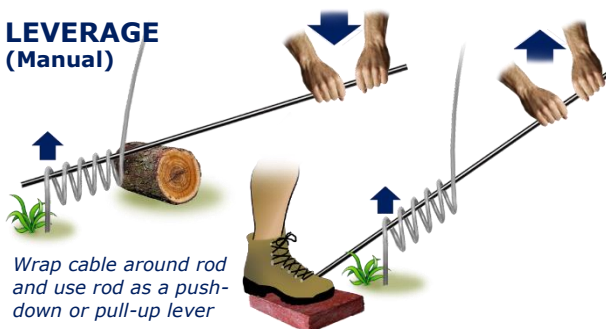
Wrap cable around rod, hold coils, and PULL

Most common method for this size anchor



LEVERAGE (Manual)

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



LEVERAGE (Mechanical)

Not usually needed for this size anchor



Through asphalt

Drill PILOT HOLE through asphalt
1" (2.5 cm) diameter



Non-vertical load

Install at angle of load for maximum pullout strength

