



4ALB-60CC

4ALB-120CC

SPECIFICATIONS



Shed



Vineyard End Post

# 4" ALUMINUM BULLET™ WITH 5' OR 10' CABLE AND CABLE CLAMPS

356 ALUMINUM ALLOY T6 HEAT TREATED

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## ULTIMATE PULLOUT CAPACITY - 3,500 LBS.

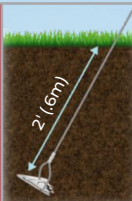
- Aircraft-quality cast aluminum 356 Alloy - No Corrosion
- Weighs .74lb (.34) / 1.2lb (.54 kg)
- 3,150lb ultimate load capacity at 2.5 ft installation depth
- Great for soft to hard compact and rocky soil
- Custom lengths and stainless steel cable available



CABLE CLAMPS malleable Iron

### Load Capacity

Pullout strength at minimum depth of 2.5' (.8 m)



Soil Class 1 Hardpan or Asphalt	<b>3,150lb</b> 15.6 kN
Soil Class 2 Sandy gravel Very dense sand	<b>1,980lb</b> 9.79 kN
Soil Class 3 Silty/clayey sand Silty gravel	<b>1,710lb</b> 8.45 kN
Soil Class 4A Loose/med dense sands Loose sands Firm clays	<b>810lb</b> 4.00 kN
Soil Class 4B Loose fine un-compacted sand	<b>428lb</b> 2.11 kN

### GALVANIZED STEEL AIRCRAFT CABLE

Diameter: 3/16" (4.8 mm)  
Length: 5' (1.5 m) or 10' (3 m)



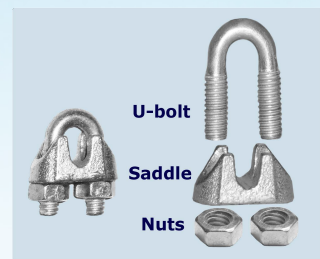
Cable Breaking Strength 4,200lb (18.7kN)

Available in stainless steel as a special order

### CABLE CLAMPS



With THREE clamps configured as in the diagram below, loop strength will be 80-86% of the breaking strength of the cable



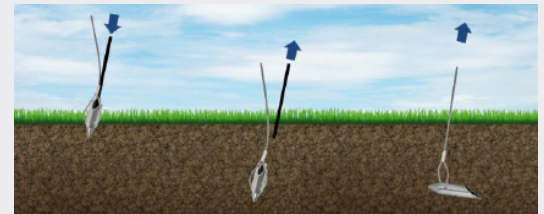
**CORRECT CLAMP ATTACHMENT**  
DEAD end of cable - Under U-bolt's arch  
LIVE end of cable - Sitting in the "saddle"



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**1) Drive** - Anchor to minimum depth of 3.5' (1 m) **2) Remove** - the drive rod **3) Pull** - the cable to turn (lock) the anchor

**INTO THE GROUND**

**4' Drive Rod Diameter; 3/4" (19.05mm)**

*No re-bar. It will jam in the anchor*



**Drive Rod Head**  
**When using a sledge hammer**  
**DR-4ST**



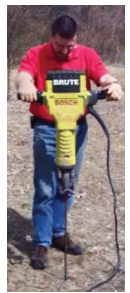
**Safety Holding Handle**  
**DR-SHH**



**Sledge Hammer**



**Demolition Hammer or Small Jackhammer** depending on soil conditions

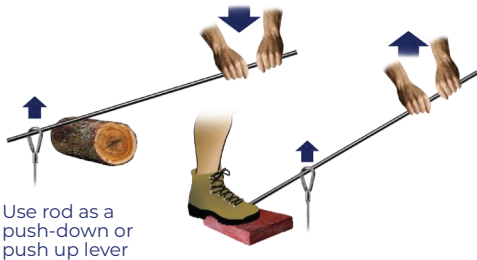


**LOCKING THE ANCHOR**



During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 2-8 inches (5-20 cm).

**Leverage (Manual)**



Use rod as a push-down or push up lever

**Leverage (Mechanical)**



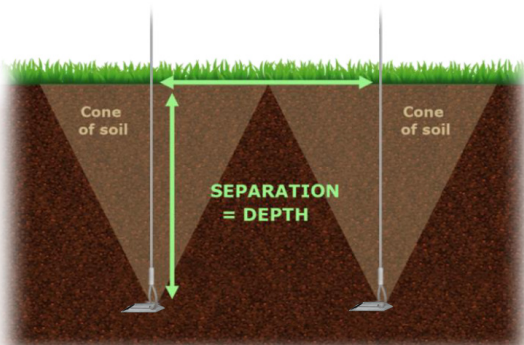
Ratchet-lever hoist ("come-along")

**Pull to "Lock"**



**SPACING**

For best holding strength, anchors should be installed at a minimum spacing equal to the depth of the anchor, in order to avoid each other's "cone of soil" — the region of soil that contributes to an anchor's holding strength.



**NON-VERTICAL LOAD**

Install at same angle as load for maximum pullout strength

