



6ALB-60QV

6ALB-120QV

SPECIFICATIONS



Riverbank Work



Bridge Build

6" ALUMINUM BULLET™ WITH 5' OR 10' CABLE AND QUICKWISE

356 ALUMINUM ALLOY T6 HEAT TREATED

6ALB-60QV

6ALB-120QV

ULTIMATE PULLOUT CAPACITY - 5,000 LBS.

- Aircraft-quality cast aluminum 356 Alloy - No Corrosion
- Weighs 2.5lb (1.2 oz)
- 5,000lb ultimate load capacity at 3.5 ft installation depth
- Great for soft to hard compact and rocky soil
- Custom lengths and stainless steel cable available



GALVANIZED STEEL AIRCRAFT CABLE

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

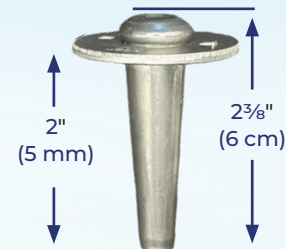


Breaking Strength 2,000lb (18.7kN)

Available in stainless steel as a special order

QUICKWISE

Aluminum Shell
Galvanized Steel Jaws
Stainless Steel Spring



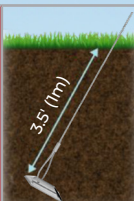
Hole Diameter for shaft 1 1/16" (2 cm)

Round Flange 1 3/4" (4.5 cm)



Load Capacity

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



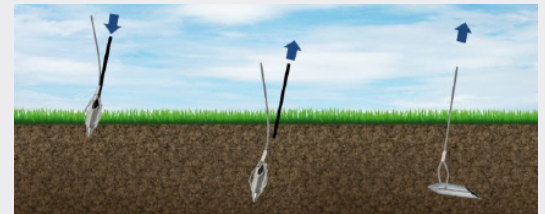
Soil Class 1 Hardpan or Asphalt	5,000lb 22.2 kN
Soil Class 2 Sandy gravel Very dense sand	3,000lb 13.3 kN
Soil Class 3 Silty/clayey sand Silty gravel	2,000lb 8.90 kN
Soil Class 4A Loose/med dense sands Loose sands Firm clays	1,200lb 5.34 kN
Soil Class 4B Loose fine un-compacted sand	600lb 2.67 kN



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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



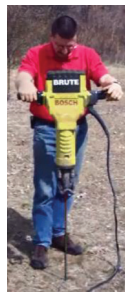
Safety Holding Handle
DR-SHH



Sledge Hammer



Demolition Hammer or Small Jackhammer depending on soil conditions

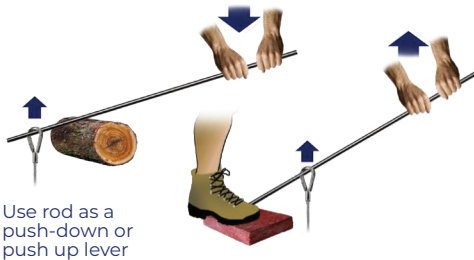


LOCKING THE ANCHOR



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)



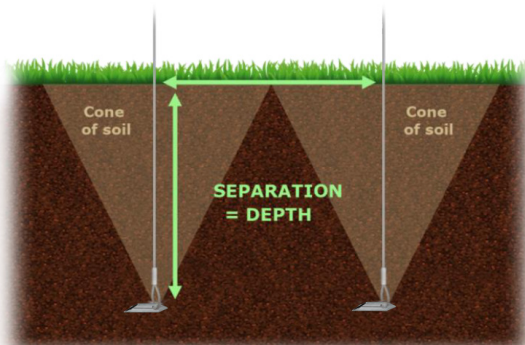
Ratchet-lever hoist ("come-along")

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

