



American Earth Anchors

The best screw you will have in the dirt™

americaneearthanchors.com

QUICK REFERENCE

3ST-60QV
3ST-120QV

Specifications

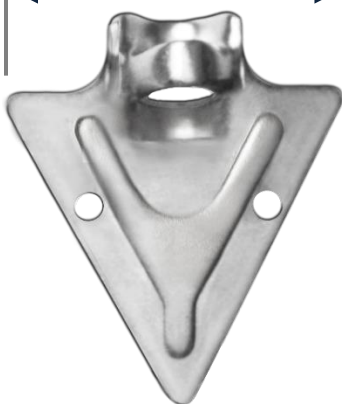
3" steel arrowhead
with 5' or 10' cable and Quickwise



Anchor

Galvanized steel

3" (7.5 cm)



.4 lb
(.18 kg)



Cable

Galvanized steel
aircraft cable



Diameter: 1/8" (3 mm)

Length: 5' (1.5 m)
10' (3 m)

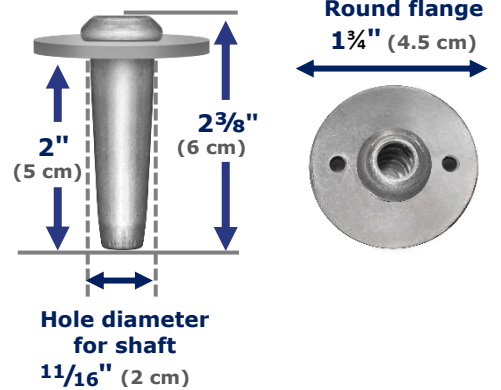
Breaking strength:
2,000 lb (8.9 kN)

Available in stainless steel
as special order

Quickwise

Available separately
as product QV18

Shell: Aluminum
Jaws: Galvanized steel
Spring: Stainless steel



Steel Arrowheads

3"



3ST-60QV
3ST-120QV



4"



3ST-36TH

3ST-60CC

3ST-36QV-Disk

3ST-60QV

3ST-120QV

3ST-36AT

4ST-48TH

4ST-60CC

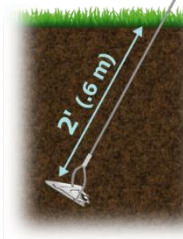
4ST-60QV

4ST-120QV

4ST-48AT

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
1,100 lb 4.89 kN	1,100 lb 4.89 kN	1,100 lb 4.89 kN	600 lb 2.67 kN	350 lb 1.56 kN

Soil classification per ASTM D-2487/2488

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QR 3ST-60QV 3ST-120QV Mar 2018



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Contact us for CUSTOM WORK

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

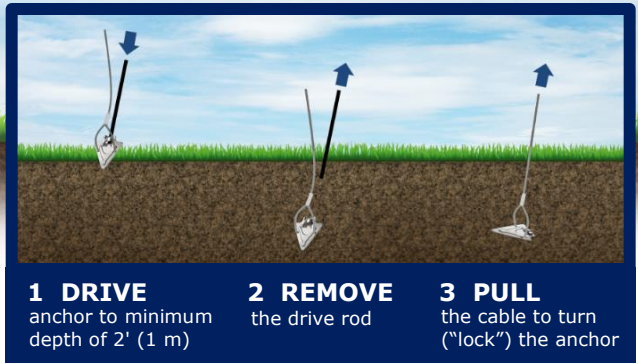
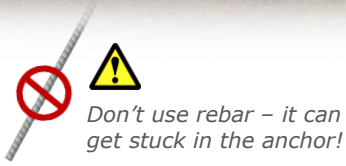


866-520-8511



+1 508-520-8511

3ST-60QV
3ST-120QV | Installation



Into the ground

3' (.9 m) drive rod
1/2" (13 mm) diameter
DR-3ST



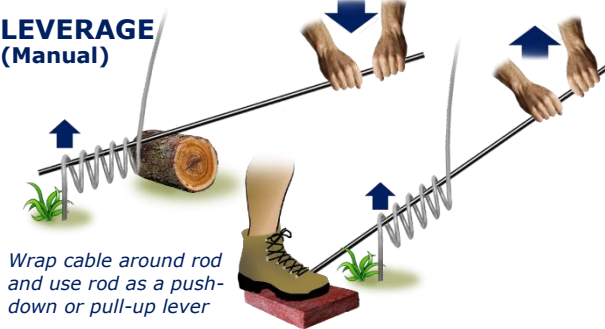
Locking the anchor

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



LEVERAGE (Manual)



LEVERAGE (Mechanical)

Not usually needed for this size anchor



Through asphalt

Make slot through asphalt



Non-vertical load

Install at same angle as load for maximum pullout strength

