



American Earth Anchors

The best screw you will have in the dirt™

americaneearthanchors.com

QUICK REFERENCE

3ST-36QV-Disk | Specifications

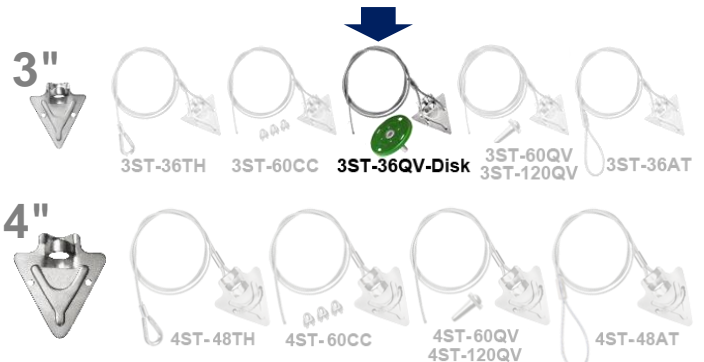
3" steel arrowhead with 3' cable and disk



.65 lb
(.3 kg)



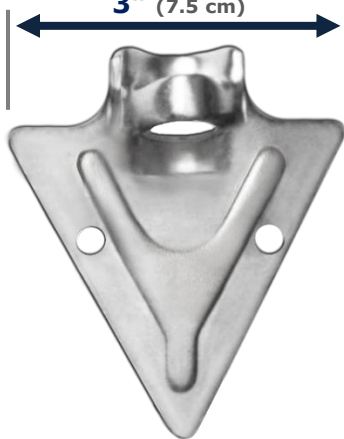
Steel Arrowheads



Anchor

Galvanized steel

3" (7.5 cm)



Cable

Galvanized steel aircraft cable



Diameter: 1/8" (3 mm)

Length: 3' (.9 m)

Breaking strength:
2,000 lb (8.9 kN)

Available in stainless steel as special order

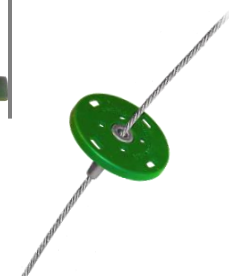
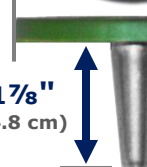
Disk with integral Quickvise

3 1/2" (7.5 cm)



- Integral Quickvise
- HDPE disk with holes for roots
- Green color blends with vegetation

1 7/8" (4.8 cm)



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-36QV-Disk Mar 2018



American Earth Anchors
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Contact us for CUSTOM WORK
Size, length, shape, material,
prototypes, cable assemblies



866-520-8511



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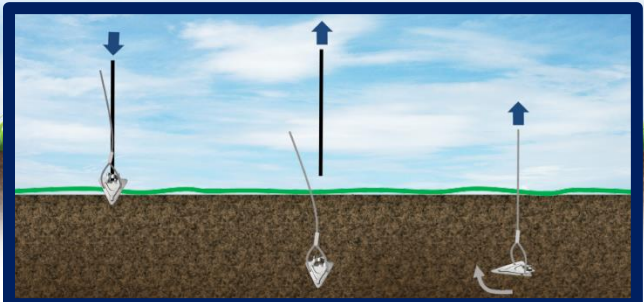
3ST-60QV-Disk | Installation



Don't use rebar – it can get stuck in the anchor!



Drive rod fits into back of arrowhead



1 DRIVE

anchor to minimum depth of 2' (1 m)

2 REMOVE

the drive rod

3 PULL

the cable to turn ("lock") the anchor

Into the ground

3' (.9 m) Drive rod

1/2" (13 mm) diameter

DR-3ST



Safety holding handle
DR-SHH



Sledge hammer



Demolition hammer
Watch video [here*](#)

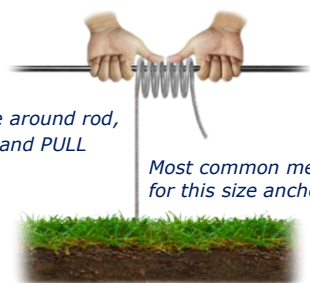
*If you are reading a printed copy, go to aeavideo.com

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).

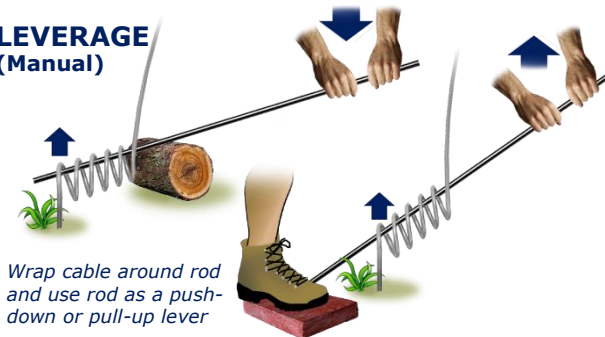
SIMPLE PULL



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



Ratchet-lever hoist ("come-along")



Bumper jack

Attaching the disk

1

Thread disk onto cable



2

Pull cable UP through disk, push disk DOWN against surface

