



# American Earth Anchors

The best screw you will have in the dirt™

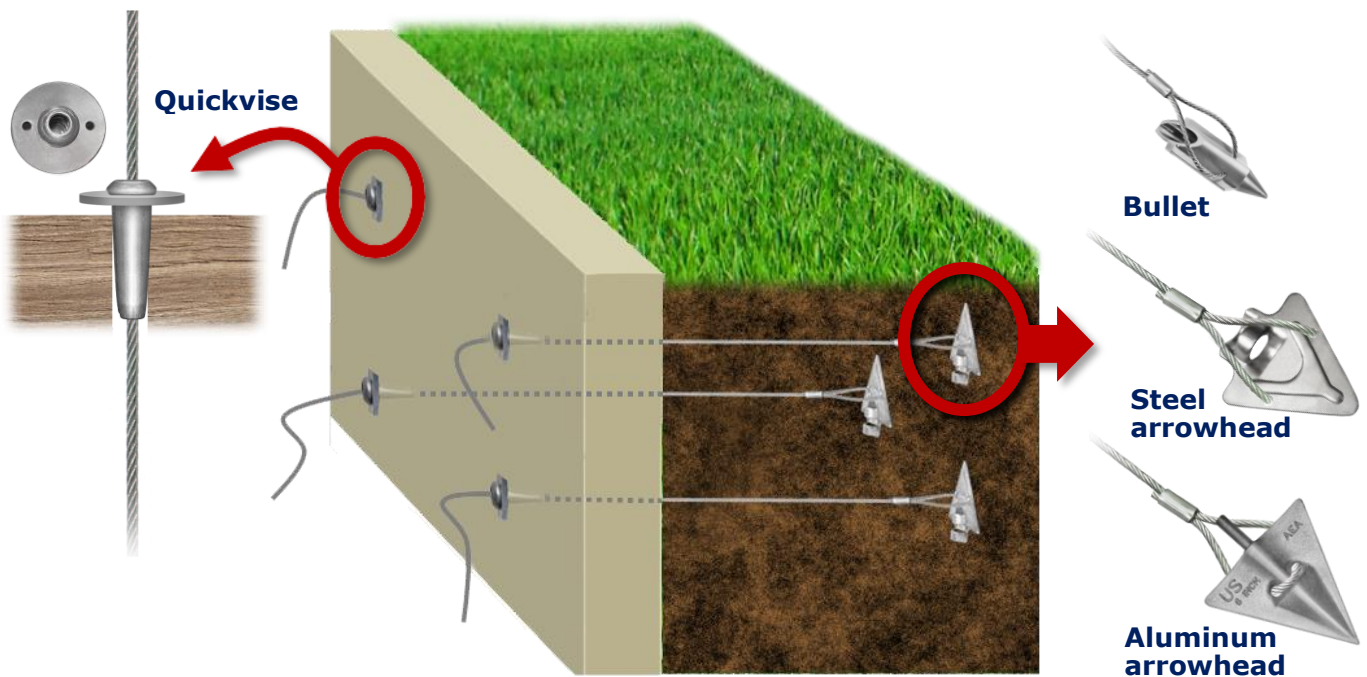
[americaneearthanchors.com](http://americaneearthanchors.com)

ANCHOR APPLICATIONS

## Retaining Walls



### How it works



# Installation sequence

1



**Drive in the anchor**

2



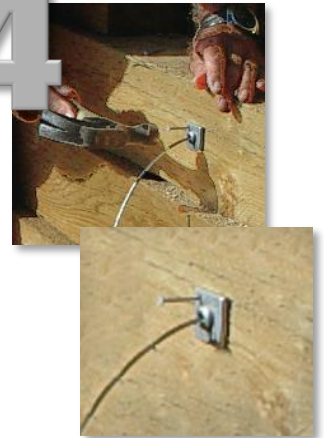
**Drill hole and pass the cable out through it**

3



**Pull to lock the anchor**  
*Common pulling method is cable wrapped around the drive rod*

4



**Thread Quickvisse onto the cable, hammer it into the wall, then pull cable again to grip it in the Quickvisse**



## Quickvise



Drill hole in the structure, tap in Quickvise



Nail it down, if it needs to be held in place while threading and pulling the cable

**DON'T cut the tail**  
It will fray like a bad hair day!



... and you may need to grab it and pull, to retighten later in case of settling or shifting



Two methods for concealing the tail

## Pullout Strength

SOIL TYPE ↓	3" Aluminum Bullet	3" Steel Arrowhead	4" Steel Arrowhead	4" Aluminum Arrowhead	6" Aluminum Arrowhead
	Min. depth 2'	Min. depth 2'	Min. depth 2.5'	Min. depth 2.5'	Min. depth 3.5'
<b>SOIL CLASS 1</b> Hardpan Asphalt	1,100 lb 4.89 kN	1,100 lb 4.89 kN	3,150 lb 14.0 kN	3,150 lb 14.0 kN	4,250 lb 18.9 kN
<b>SOIL CLASS 2</b> Sandy gravel Very dense sand	1,100 lb 4.89 kN	1,100 lb 4.89 kN	2,200 lb 9.79 kN	2,200 lb 9.79 kN	2,220 lb 9.88 kN
<b>SOIL CLASS 3</b> Silty or clayey sand Silty gravel	1,100 lb 4.89 kN	1,100 lb 4.89 kN	1,900 lb 8.45 kN	1,900 lb 8.45 kN	1,700 lb 7.56 kN
<b>SOIL CLASS 4</b> Loose-to-med dense sands Loose sands Firm clays	600 lb 2.67 kN	600 lb 2.67 kN	900 lb 4.00 kN	900 lb 4.00 kN	1,020 lb 4.54 kN
<b>SOIL CLASS 5</b> Uncompacted fill	350 lb 1.56 kN	350 lb 1.56 kN	475 lb 2.11 kN	475 lb 2.11 kN	510 lb 2.27 kN

Soil Classification per ASTM D-2487/2488



# Products

**Quickvise**  
Included with each anchor

For 1/8" and 3/16" cable      For 1/4" cable

## 3" Bullet

Cable diameter 1/8" (3 mm)

5' cable (1.5 m)



3AL-60QV

10' cable (3 m)



3AL-120QV



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

## 3" Steel Arrowhead

Cable diameter 1/8" (3 mm)

5' cable (1.5 m)



3ST-60QV

10' cable (3 m)



3ST-120QV

## 4" Steel Arrowhead

Cable diameter 3/16" (4.8 mm)

5' cable (1.5 m)



4ST-60QV

10' cable (3 m)



4ST-120QV

## 4" Aluminum Arrowhead

Available in Military Specification

Cable diameter 3/16" (4.8 mm)

5' cable (1.5 m)



4AL-60QV

10' cable (3 m)



4AL-120QV

## 6" Aluminum Arrowhead

Available in Military Specification

Cable diameter 1/4" (6.3 mm)

10' cable (3 m)



6AL-120QV

