



# American Earth Anchors

The best screw you will have in the dirt™

americaneearthanchors.com

QUICK REFERENCE

## 4ST-48AT | Specifications

### 4" steel arrowhead with 4' cable and anti-theft loop



.7 lb  
(.23 kg)



#### Anchor

Galvanized steel

4" (10 cm)

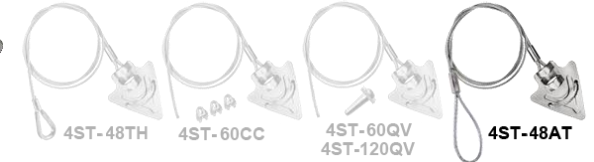


#### Steel Arrowheads

3"



4"



#### Cable

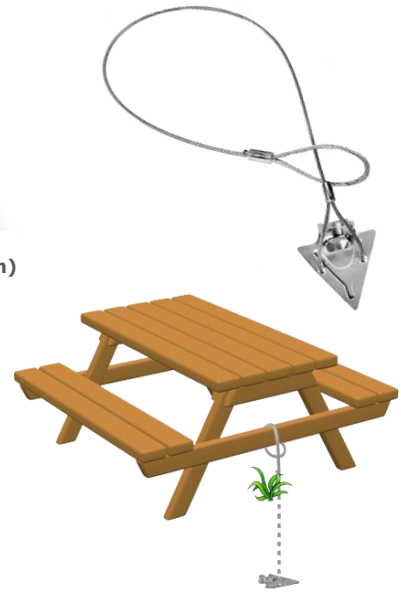
Galvanized steel aircraft cable

Diameter: 3/16" (4.8 mm)

Length: 4' (1.2 m)

Breaking strength:  
4,200 lb (18.7 kN)

Available in stainless steel as special order



### LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 2 1/2' (.8 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
<b>1,100 lb</b> 15.6 kN	<b>1,100 lb</b> 9.79 kN	<b>1,100 lb</b> 8.45 kN	<b>600 lb</b> 4.00 kN	<b>350 lb</b> 2.11 kN

Soil classification per ASTM D-2487/2488

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




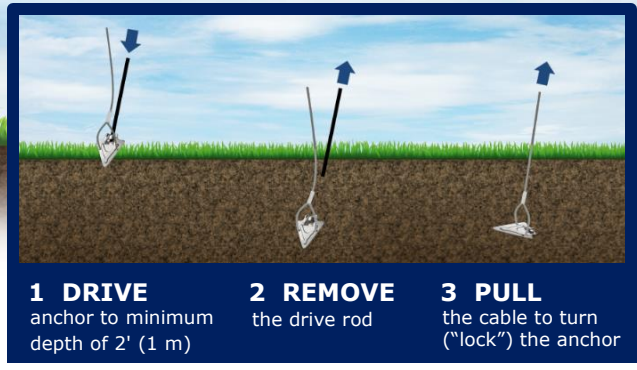
866-520-8511



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# 4ST-48AT | Installation

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



- 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**

**3/4" (19 mm) diameter**

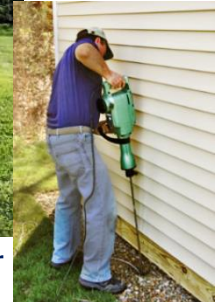
**DR-4ST**

**Hammering head**  
**DRH-SM**

**Safety holding handle**  
**DR-SHH**




**Sledge hammer**



**Demolition hammer**

## 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).*

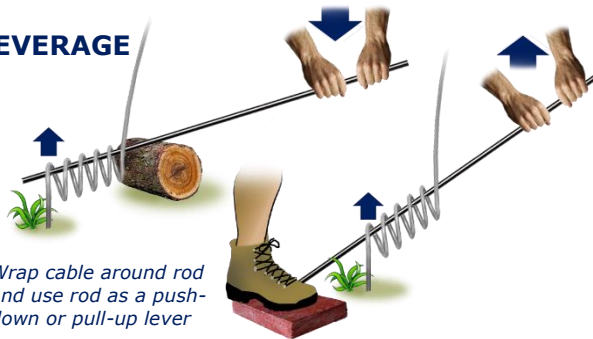
### SIMPLE PULL

*Wrap cable around rod, hold coils, and PULL*



### LEVERAGE

*Wrap cable around rod and use rod as a push-down or pull-up lever*



## Through asphalt

**Make slot through asphalt**



*One method: Jackhammer with chisel*

