



American Earth Anchors

The best screw you will have in the dirt™

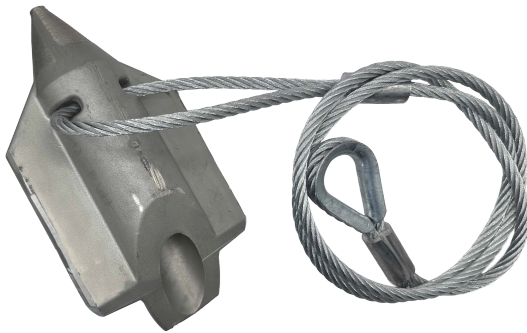
americanearthanchors.com

QUICK REFERENCE

8ALB-60TH | Specifications

8" aluminum bullet with 5' cable and thimble

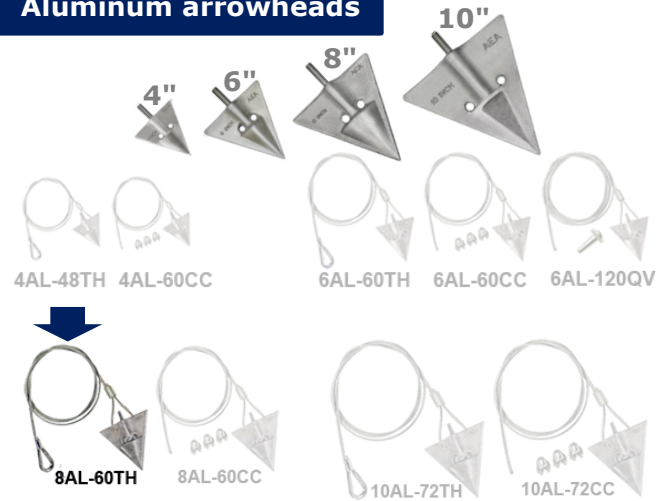
- 356 aluminum alloy
- Heat-treated to T6 specification



4.25 lb
(1.8 kg)

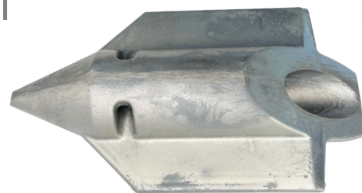


Aluminum arrowheads



Anchor

8" (20 cm)



Cable

Galvanized steel aircraft cable

Diameter: 5/16" (8 mm)

Length: 5' (1.5 m)

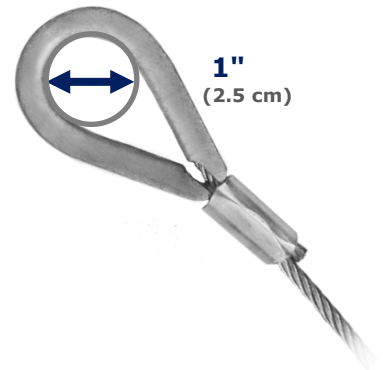
Breaking strength:
9,800 lb (43.6 kN)

Available in stainless steel
as special order

Thimble

Galvanized steel

1"
(2.5 cm)



LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 4' (1.2 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
9,000 lb 40.0 kN	6,500 lb 28.9 kN	3,500 lb 15.6 kN	2,200 lb 9.79 kN	1,250 lb 5.56 kN

Soil classification per ASTM D-2487/2488



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Contact us for CUSTOM WORK

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



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8ALB-60TH | Installation



Drive rod fits into back of the bullet



1 DRIVE
anchor to minimum
depth of 3 1/2' (1 m)

2 REMOVE
the drive rod

3 PULL
the cable to turn
('lock') the anchor

Into the ground

5' or 6' Drive rod

DR-5

Length: 5' (1.5 m)

Diameter: 1" (25 mm)

DR-6

Length: 6' (1.8 m)

Diameter: 1" (25 mm)



Safety
holding handle
DR-SHH

Hammering
head
DRH-LG



Sledge hammer



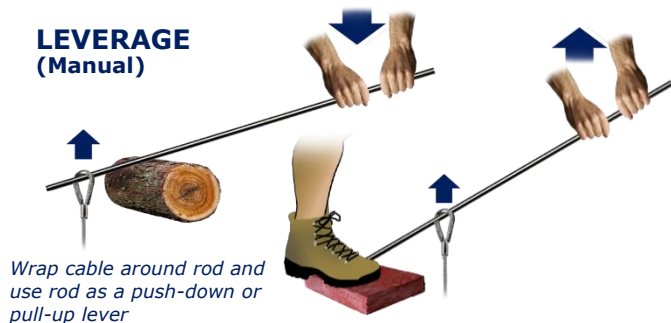
Jackhammer

Locking the anchor



During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 3-10 inches (8-25 cm).

LEVERAGE (Manual)



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

LEVERAGE (Mechanical)



Ratchet-lever hoist
('come-along')



Bumper
jack

HYDRAULIC PULL



Anchor Locker

Through asphalt

Make slot through asphalt

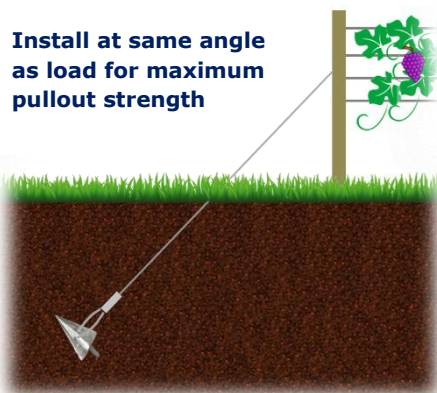


One method:
Jackhammer with chisel



Non-vertical load

Install at same angle
as load for maximum
pullout strength



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