



# American Earth Anchors

The best screw you will have in the dirt™

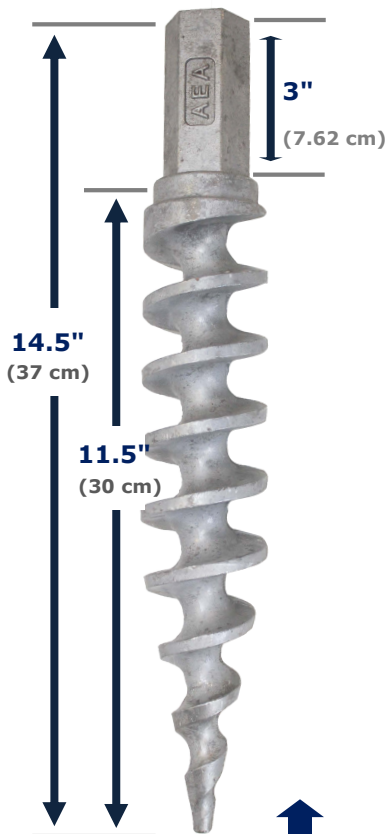
QUICK REFERENCE

## PE14-Hex | Specifications

### 14" Penetrator™

- Aircraft-quality cast aluminum 356 alloy
- Heat-treated to T6 specification
- Install with 1 3/8" socket
- Removable

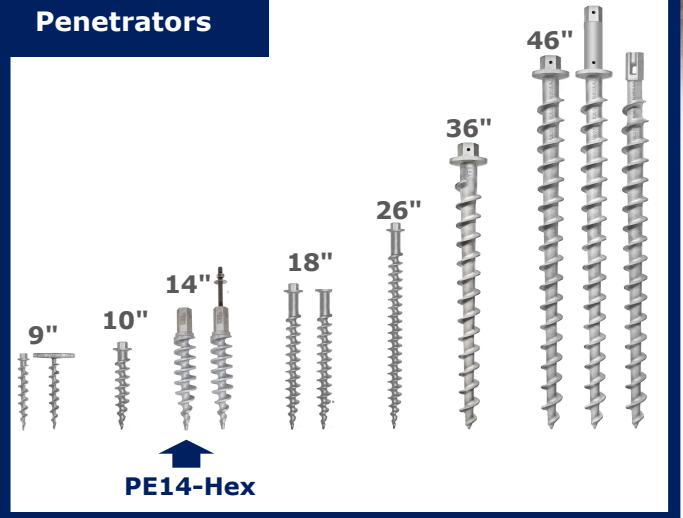
1.76 lbs  
(.79 kg)



Neck diameter  
1.5" (36 mm)

Flight diameter  
2 1/4" (58 mm)

## Penetrators

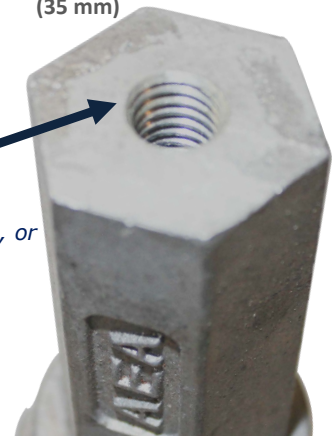


## Socket size

1 3/8"  
(35 mm)

Tapped hole Depth:  
1.5" (26 mm) Thread:  
1/2"-13

For stud, bolt, hook, eye, or other threaded fitting



6-point socket (instead of 12-point socket) will minimize wear and rounding of hex head for repeated installation/removal

## LOAD CAPACITY

Pullout strength with flight fully embedded

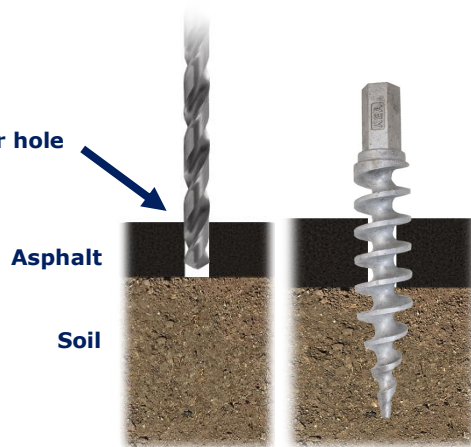
Hardpan or asphalt	Soil Class 1 Dense sand or gravel	Soil Class 2 Medium sandy gravel	Soil Class 3 Loose medium-to-fine sand	Soil Class 4 Loose fine un-compacted sand
<b>2,500 lb</b> 11.1 kN	<b>1,700 lb</b> 7.56 kN	<b>600 lb</b> 2.67 kN	<b>350 lb</b> 1.56 kN	<b>200 lb</b> 0.89 kN



### Through asphalt

Drill PILOT HOLE  
through asphalt

1 1/2" (4 cm) diameter hole



### Installation methods



Impact wrench



### Attachment accessory



Threaded stud with  
nut and washer

Length: 6" (15 cm)  
Thread: 1/2"-13



Also available together  
with the PE14-Hex as  
product PE14-Hex-STD

