



American Earth Anchors

The best screw you will have in the dirt™

americanearthanchors.com

QUICK REFERENCE

PE46-Hex | Specifications

46" Penetrator™ with hex head

- Aircraft-quality cast aluminum 356 alloy
- Heat-treated to T6 specification
- Install with 2" or 51 mm socket
- Removable

10.5 lb
(4.8 kg)



1 7/8" (47 mm)

Flange diameter
4" (10 cm)

Neck diameter
1 3/4" (45 mm)

Flight diameter
3" (77 mm)

Hole in sleeve
3/8" (9.5 mm) diameter

1 1/8" (29 mm)

Socket size
2" (51 mm)

2 1/4" (58 mm) I.D. pipe fits over

Threaded hole for 3/4"-10 bolt

Clear hole 3/8" (9.5 mm)
For bolt or grounding wire

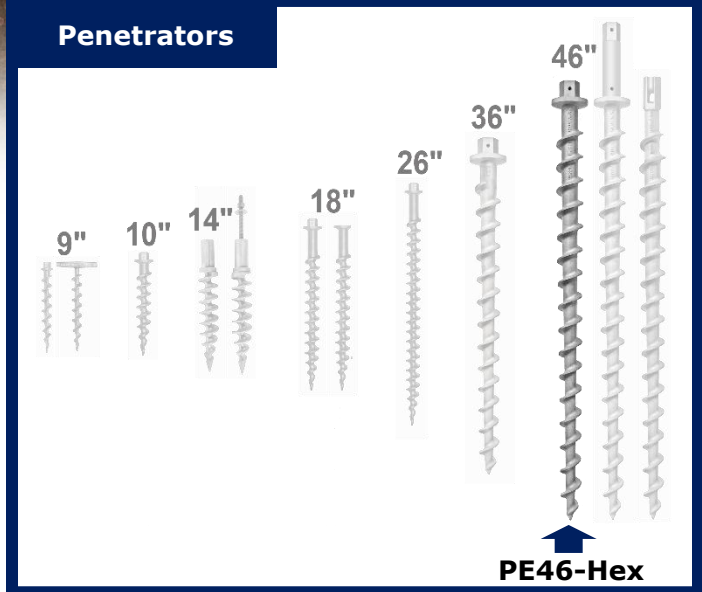
6-point socket (instead of 12-point socket) will minimize wear and rounding of hex head for repeated installation/removal

LOAD CAPACITY

Pullout strength with flight fully embedded

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
14,000 lb 62.3 kN	9,500 lb 42.3 kN	3,300 lb 14.7 kN	2,000 lb 8.90 kN	750 lb 3.34 kN

Soil classification per ASTM D-2487/2488



© 2018 American Earth Anchors
QR-PE46-Hex Mar 2018



American Earth Anchors
info@americanearthanchors.com

americanearthanchors.com

Contact us for CUSTOM WORK

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



866-520-8511



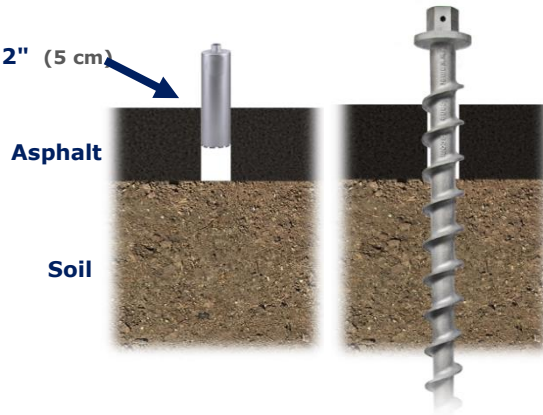
+1 508-520-8511

PE46-Hex | Installation

Through asphalt

Drill PILOT HOLE through asphalt

Diameter: 2" (5 cm)



Installation methods



Impact wrench

Watch the video: Click [here](#) or visit [aeavideo.com](#)



Power take-off

Watch the video: Click [here](#) or visit [aeavideo.com](#)
(Video shows PE46-Guy)

Attachment accessories

We will make custom brackets or sleeves to your specification



TIE-OFF CABLE
PE-TC46

Can be doubled over to make large loop around structural member

U-BRACKETS

For 4"x 4" post
(10 cm x 10 cm)



For 2" pipe
(5 cm)

SLEEVES

