



American Earth Anchors

The best screw you will have in the dirt™

americaneearthanchors.com

QUICK REFERENCE

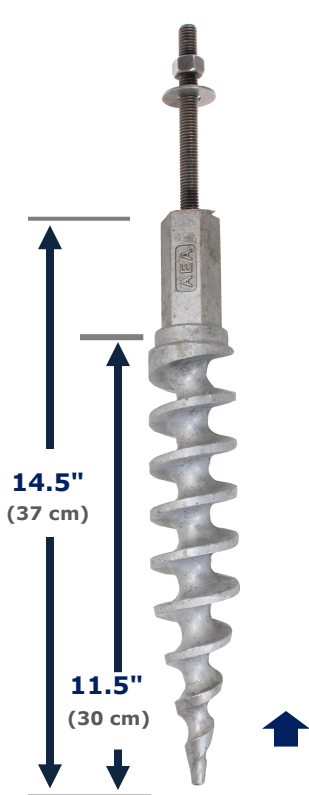
PE14-Hex-STD | Specifications

14" Penetrator™

with stud/nut/washer

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

2.04 lbs
(.9 kg)



Threaded steel stud
(1/2"-13) with nut
and washer



Neck diameter
1.5" (36 mm)

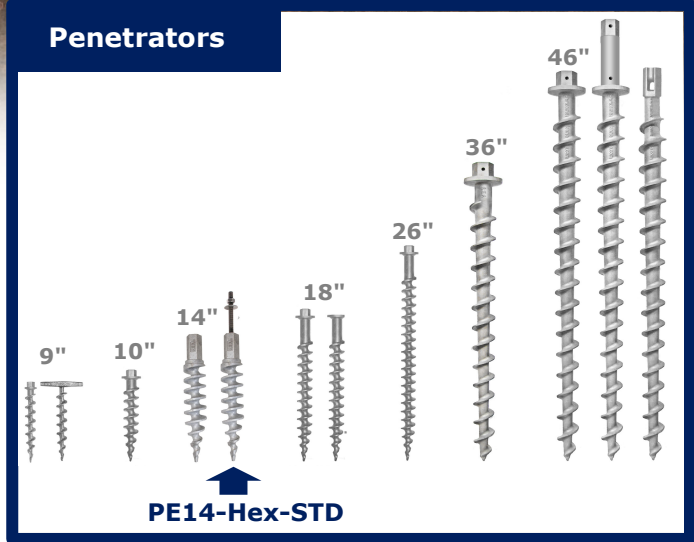
Flight diameter
2 1/4" (58 mm)

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



Socket Size 1 3/8"
(35 mm)

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
2,500 lb 11.1 kN	1,700 lb 7.56 kN	600 lb 2.67 kN	350 lb 1.56 kN	200 lb 0.89 kN

Soil classification per ASTM D-2487/2488

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



866-520-8511



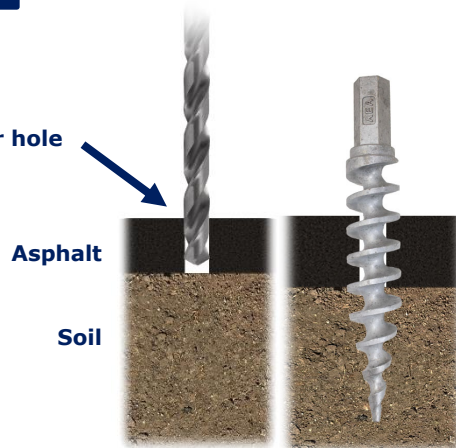
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PE14-Hex-STD | Installation

Through asphalt

Drill PILOT HOLE through asphalt

1 1/2" (4 cm) diameter hole



Installation methods



Impact wrench

