American Earth Anchors
The best screw you will have in the dirt™

PE14 Specifications

14” Penetrator™

- Aircraft-quality cast aluminum 356 alloy
- Heat-treated to T6 specification
- Install with ½” square drive
- Removable

14.5” (37 cm)

12” (30 cm)

Neck diameter
1.4” (36 mm)

1.5” (38 mm) ID pipe fits over

Flight diameter
2¼” (58 mm)

1.5 lbs (.7 kg)

Penetrators

Fits ½” square drive

Tapped hole
Depth: 1” (26 mm)
Thread: ½”-13
For stud, bolt, hook, eye, or other threaded fitting

LOAD CAPACITY
Pullout strength with flight fully embedded

<table>
<thead>
<tr>
<th>Soil Class 1</th>
<th>Soil Class 2</th>
<th>Soil Class 3</th>
<th>Soil Class 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardpan</td>
<td>Sandy gravel</td>
<td>Silty/clayey sand</td>
<td>Loose/med dense sands</td>
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<tr>
<td>Asphalt</td>
<td>Very dense sand</td>
<td>Silty gravel</td>
<td>Loose sands</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Firm clays</td>
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<td></td>
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<tr>
<td>2,500 lb</td>
<td>1,700 lb</td>
<td>600 lb</td>
<td>350 lb</td>
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<tr>
<td>11.1 kN</td>
<td>7.56 kN</td>
<td>2.67 kN</td>
<td>1.56 kN</td>
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<td></td>
<td></td>
<td></td>
<td>200 lb</td>
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<tr>
<td></td>
<td></td>
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<td>0.89 kN</td>
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</tbody>
</table>

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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Through asphalt

Drill PILOT HOLE through asphalt

1½” (4 cm) diameter hole

Asphalt

Soil

Installation methods

Impact wrench

Optional ratchet

½” square drive tip

T-handle

Attachment accessory

Threaded stud with nut and washer

Length: 6” (15 cm)
Thread: ½”-13

Also available together with the PE14 as product PE14-STD