American Earth Anchors

The best screw you will have in the dirt™

americanearthanchors.com

QUICK REFERENCE

36" Penetrator™

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

**Specifications**

- **Penetrator TM**
  - **Flange diameter**: 4" (10 cm)
  - **Neck diameter**: 1¾" (45 mm)
  - **Flight diameter**: 3" (77 mm)
  - **Socket size**: 2" (51 mm)
  - **Hole in sleeve**: 3½" (9.5 mm) diameter
  - **Threaded hole**: for ¾"-10 bolt
  - **Clear hole**: 3/8" (9.5 mm)
  - **Socket size**: 2" (51 mm)
  - **Height**: 35" (0.9 m)
  - **Weight**: 8 lb (3.6 kg)

**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 Asphalt</td>
<td>Sandy gravel</td>
<td>Silty/clayey sand</td>
<td>Loose medium dense sands</td>
</tr>
<tr>
<td>Very dense sand</td>
<td>Silty gravel</td>
<td>Loose sands</td>
<td>Firm clays</td>
</tr>
<tr>
<td>8,400 lb</td>
<td>6,000 lb</td>
<td>2,100 lb</td>
<td>1,000 lb</td>
</tr>
<tr>
<td>37.4 kN</td>
<td>26.7 kN</td>
<td>9.34 kN</td>
<td>4.45 kN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soil Class 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loose fine uncompacted sand</td>
</tr>
<tr>
<td>350 lb</td>
</tr>
<tr>
<td>1.56 kN</td>
</tr>
</tbody>
</table>

Soil classification per ASTM D-2487/2488
**PE36 | Installation**

**Through asphalt**

Diameter: 2” (5 cm)

Drill PILOT HOLE through asphalt

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**Installation methods**

(Images show PE46, but method is the same)

**Power take-off**

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

**Impact wrench**

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

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**Attachment accessories**

- **TIE-OFF CABLE**
  PE-TC46

- **BRACKETS**

- **SLEEVES**

  Your 2¼” I.D. (58 mm) pipe fits over and rests on flange

Can be doubled over to make large loop around structural member

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

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