**American Earth Anchors**

*The best screw you will have in the dirt™*

American Earth Anchors

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### PE46-Hex8 Specifications

**46" Penetrator™**

with extended hex head for 2" Schedule 40 pipe

- Aircraft-quality cast aluminum 356 alloy
- Heat-treated to T6 specification
- Install with 1¼" or 45 mm socket
- Removable/reusable

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**Flight length**

46" (1.2 m)

**Extension diameter**

2" (5 cm)

**Flange diameter**

4" (10 cm)

**Neck diameter**

1 ¾" (45 mm)

**Flight diameter**

3" (77 mm)

**Clear hole**

⅜" (9.5 mm)

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**Socket size**

1 ¾" (45 mm)

**2" Schedule 40 pipe fits over**

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**LOAD CAPACITY**

Pullout strength with flight fully embedded

<table>
<thead>
<tr>
<th>Soil Class</th>
<th>Pullout Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardpan or asphalt</td>
<td>14,000 lb (62.3 kN)</td>
</tr>
<tr>
<td>Soil Class 1 Dense sand or gravel</td>
<td>9,500 lb (42.3 kN)</td>
</tr>
<tr>
<td>Soil Class 2 Medium sandy gravel</td>
<td>3,300 lb (14.7 kN)</td>
</tr>
<tr>
<td>Soil Class 3 Loose medium-to-fine sand</td>
<td>2,000 lb (8.90 kN)</td>
</tr>
<tr>
<td>Soil Class 4 Loose fine uncompacted sand</td>
<td>1,100 lb (4.89 kN)</td>
</tr>
</tbody>
</table>

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**Contact us for CUSTOM WORK**

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

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OR: PE46-Hex8 August 2016
**PE46-Hex8 Installation**

### Through asphalt

Drill PILOT HOLE through asphalt

- Diameter: 2” (5 cm)

### Installation methods

- **IMPACT WRENCH**
  - Watch the video: Click [here](http://americanea.com/PE46_hydraulic_installer.html) or visit [aeavideo.com](http://aeavideo.com)
  - (Video shows PE46-Hex)

- **POWER TAKE-OFF**
  - Watch the video: Click [here](http://americanea.com/PE46_hydraulic_installer.html) or visit [aeavideo.com]
  - (Video shows PE46-Guy)

### Attachment to structure

- 2” Schedule 40 pipe used as sleeve or leg