American Earth Anchors

The best screw you will have in the dirt™

PE26 Specifications

26" Penetrator™

- Aircraft-quality cast aluminum 356 alloy
- Heat-treated to T6 specification
- Install with 1" or 26 mm socket
- Removable

2 lb (0.9 kg)

Socket size
1" (26 mm)

Neck diameter
1¾" (45 mm)

Flight diameter
1¾" (45 mm)

Flange diameter
2" (5 cm)

7/8" (22 mm)

LOAD CAPACITY

Pullout strength with flight fully embedded

<table>
<thead>
<tr>
<th>Hardpan or asphalt</th>
<th>Soil Class 1 Dense sand or gravel</th>
<th>Soil Class 2 Medium sandy gravel</th>
<th>Soil Class 3 Loose medium-to-fine sand</th>
<th>Soil Class 4 Loose fine un-compacted sand</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,500 lb</td>
<td>3,100 lb</td>
<td>1,100 lb</td>
<td>630 lb</td>
<td>360 lb</td>
</tr>
<tr>
<td>20.0 kN</td>
<td>13.8 kN</td>
<td>4.89 kN</td>
<td>2.80 kN</td>
<td>1.60 kN</td>
</tr>
</tbody>
</table>

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Penetrators

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

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**Through asphalt**

Drill PILOT HOLE through asphalt

1" (2.5 cm) diameter

**Asphalt**

**Soil**

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**Through metal plate**

Recommended plate thickness and hole diameter for clear passage of PE26’s screw:

<table>
<thead>
<tr>
<th>Plate Thickness</th>
<th>Hole Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; (6 mm)</td>
<td>1 1/2&quot; (39 mm)</td>
</tr>
<tr>
<td>1/2&quot; (13 mm)</td>
<td>1 5/8&quot; (42 mm)</td>
</tr>
<tr>
<td>3/4&quot; (20 mm)</td>
<td>1 3/8&quot; (42 mm)</td>
</tr>
</tbody>
</table>

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**Installation methods**

- **Impact wrench**

- **T-handle**

  Optional ratchet

  1" socket

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**Attachment accessories**

- **Tie-off cable**

  PE-TC

  Can be doubled over to make large loop around structural member

- **Sleeves and plates**

- **Brackets**

- **Contact us for custom bracket/sleeve sizes and designs**

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info@americanea.com

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