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 1¾" or 45 mm socket
- Removable/reusable

Flight length 46" (1.2 m)

Extension diameter 2" (5 cm)

Neck diameter 1¾" (45 mm)

Flight diameter 3" (77 mm)

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>
<th>Soil Class 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardpan Asphalt</td>
<td>Sandy gravel</td>
<td>Silty/clayey sand</td>
<td>Loose/med dense sands</td>
<td>Loose fine un-compacted sand</td>
</tr>
<tr>
<td>14,000 lb</td>
<td>9,500 lb</td>
<td>3,300 lb</td>
<td>2,000 lb</td>
<td>750 lb</td>
</tr>
<tr>
<td>62.3 kN</td>
<td>42.3 kN</td>
<td>14.7 kN</td>
<td>8.90 kN</td>
<td>3.34 kN</td>
</tr>
</tbody>
</table>

Soil classification per ASTM D-2487/2488

Penetrators

12 lb (5.4 kg)

Socket size 1¾" (45 mm)

2" Schedule 40 pipe fits over

Clear hole 3/8" (9.5 mm)

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

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

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**PE46-Hex8 Installation**

**Through asphalt**

Drill PILOT HOLE through asphalt

Diameter: 2" (5 cm)

Asphalt

Soil

**Installation methods**

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

**POWER TAKE-OFF**

Watch the video:
Click [here](http://americanea.com) or visit [aeavideo.com](http://aeavideo.com)
(Video shows PE46-Guy)

**Attachment to structure**

2" Schedule 40 pipe used as sleeve or leg

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QRIPE46-Hex8 Mar 2018

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