10" Penetrator™

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

Socket size
1" (26 mm)

100 lb
0.44 kN

200 lb
0.89 kN

350 lb
1.56 kN

700 lb
3.11 kN

1,000 lb
4.45 kN

Flange diameter
2" (5 cm)

Flight diameter
1 ¾" (45 cm)

Neck diameter
1" (26 mm)

Socket size
1" (26 mm)

Penetrators

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

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-compact sand</td>
</tr>
<tr>
<td>1,000 lb</td>
<td>700 lb</td>
<td>350 lb</td>
<td>200 lb</td>
<td>100 lb</td>
</tr>
<tr>
<td>4.45 kN</td>
<td>3.11 kN</td>
<td>1.56 kN</td>
<td>0.89 kN</td>
<td>0.44 kN</td>
</tr>
</tbody>
</table>

Soil classification per ASTM D-2487/2488

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americanearthanchors.com

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

**Through asphalt**

- Drill PILOT HOLE through asphalt
- 1" (2.5 cm) diameter

- Asphalt
- Soil

**Through metal plate**

- ¼" plate (7 mm)
- ½" plate (13 mm)
- ¾" plate (20 mm)
- 1¼" hole (39 mm)
- 1⅜" hole (42 mm)

- Optional ratchet
- 1" socket

Attachment accessories

- Tie-off cable PE-TC
  - Can be doubled over to make large loop around structural member

- Sleeve and plates

Contact us for custom bracket/sleeve sizes and designs

Brackets

- For 4x4 lumber
- For 2x4 lumber
- For 2" pipe

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QR-PE10 Mar 2018