American Earth Anchors
The best screw you will have in the dirt™

6AL-60CC Specifications

6" aluminum arrowhead with 5' cable and cable clamps
- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military version of this anchor: 6AL-60CC-Mil

Anchor

6" (15 cm)

Cable

Galvanized steel aircraft cable

Diameter: ¼" (6.3 mm)
Length: 5' (1.5 m)
Breaking strength: 7,000 lb (31.1 kN)
Available in stainless steel as special order

Cable clamps

Galvanized steel

Use all three clamps for maximum loop strength (approx. 90% of cable breaking strength)

LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 3½' (1 m)

<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 mediums sands</td>
<td>Loose fine un-compacted sand</td>
</tr>
<tr>
<td>5,000 lb</td>
<td>3,000 lb</td>
<td>2,000 lb</td>
<td>1,200 lb</td>
<td>600 lb</td>
</tr>
<tr>
<td>22.2 kN</td>
<td>13.3 kN</td>
<td>8.90 kN</td>
<td>5.34 kN</td>
<td>2.67 kN</td>
</tr>
</tbody>
</table>

Soil classification per ASTM D-2487/2488

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

American Earth Anchors
info@americanea.com
americanearthanchors.com

© 2018 American Earth Anchors
OR-6AL-60CC 3Mar 2018

866-520-8511
+1 508-520-8511
**6AL-60CC | Installation**

Drive rod has a drilled hole that fits over the anchor’s pin and seats against the anchor.

1 **DRIVE** anchor to minimum depth of 3½’ (1 m)
2 **REMOVE** the drive rod
3 **PULL** the cable to turn ("lock") the anchor

---

**Into the ground**

5’ or 6’ Drive rod

**DR-5HT**
Length: 5’ (1.5 m)
Diameter: 1” (25 mm)

**DR-6HT**
Length: 6’ (1.8 m)
Diameter: 1” (25 mm)

Safety holding handle
**DR-SHH**

Hammering head
**DRH-LG**

Sledge hammer

Demolition hammer or small jackhammer depending on soil conditions

---

**Locking the anchor**

During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 2-8 inches (5-20 cm).

**LEVERAGE** (Manual)

Wrap cable around rod and use rod as a push-down or pull-up lever

**LEVERAGE** (Mechanical)

Ratchet-lever hoist ("come-along")

**HYDRAULIC PULL**

Bumper jack

Anchor Locker

---

**Through asphalt**

Make slot through asphalt

One method: Jackhammer with chisel

---

**Non-vertical load**

Install at same angle as load for maximum pullout strength

---

American Earth Anchors
info@americanea.com
americanearthanchors.com

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

© 2018 American Earth Anchors
COR-6AL-60CC Mar 2018

866-520-8511
+1 508-520-8511