8AL-60CC Specifications

8" aluminum arrowhead with 5' cable and cable clamps

- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military specification of this anchor: 8AL-60CC-Mil

8" (20 cm)

Anchor

Galvanized steel aircraft cable

- Diameter: 5/16" (8 mm)
- Length: 5' (1.5 m)
- Breaking strength: 9,800 lb (43.6 kN)
  - Available in stainless steel as special order

Cable

Galvanized steel cable clamps

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

Cable clamps

LOAD CAPACITY

Pullout strength at MINIMUM DEPTH 4' (1.2 m)

<table>
<thead>
<tr>
<th>Soil Class 1</th>
<th>Soil Class 2</th>
<th>Soil Class 3</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/fine un-compacted sand</td>
</tr>
<tr>
<td>9,000 lb</td>
<td>6,500 lb</td>
<td>3,500 lb</td>
<td>2,200 lb</td>
</tr>
<tr>
<td>40.0 kN</td>
<td>28.9 kN</td>
<td>15.6 kN</td>
<td>9.79 kN</td>
</tr>
<tr>
<td>Soil Class 4</td>
<td>1,250 lb</td>
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<td></td>
</tr>
<tr>
<td>Loose/fine un-compacted sand</td>
<td>5.56 kN</td>
<td></td>
<td></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
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The best screw you will have in the dirt™
**8AL-60CC | Installation**

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

### Locking the anchor

**LEVERAGE (Manual)**

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

**LEVERAGE (Mechanical)**

- Ratchet-lever hoist ("come-along")
- Bumper jack
- Anchor Locker

**HYDRAULIC PULL**

### Through asphalt

Make slot through asphalt.

One method: Jackhammer with chisel.

### Non-vertical load

Install at same angle as load for maximum pullout strength.

During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 3-10 inches (8-25 cm).

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