**10AL-72TH Specifications**

10" aluminum arrowhead with 6' cable and thimble

- 356 aluminum alloy
- Heat-treated to T6 specification

This document also describes the military spec version of this anchor: 10AL-72TH-Mil

---

**Cable**

Galvanized steel aircraft cable

- Diameter: ⅜" (9.5 mm)
- Length: 6' (1.8 m)
- Breaking strength: 14,400 lb (64 kN)

Available in stainless steel as special order

---

**Thimble**

Galvanized steel

13/16" (3 cm)

---

**LOAD CAPACITY**

Pullout strength at MINIMUM DEPTH 5' (1.5 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>14,000 lb</td>
<td>11,000 lb</td>
<td>7,000 lb</td>
<td>4,000 lb</td>
</tr>
<tr>
<td>62.3 kN</td>
<td>48.9 kN</td>
<td>31.1 kN</td>
<td>17.8 kN</td>
</tr>
<tr>
<td>14,000 lb</td>
<td>11,000 lb</td>
<td>7,000 lb</td>
<td>4,000 lb</td>
</tr>
<tr>
<td>62.3 kN</td>
<td>48.9 kN</td>
<td>31.1 kN</td>
<td>17.8 kN</td>
</tr>
<tr>
<td>14,000 lb</td>
<td>11,000 lb</td>
<td>7,000 lb</td>
<td>4,000 lb</td>
</tr>
<tr>
<td>62.3 kN</td>
<td>48.9 kN</td>
<td>31.1 kN</td>
<td>17.8 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

American Earth Anchors
The best screw you will have in the dirt™
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 5’ (1.5 m).
2. Remove the drive rod.
3. Pull the cable to turn (“lock”) the anchor.

**Into the ground**

- **6’ (1.8 m) Drive rod**
- **1” (25 mm) diameter**
- **DR-6HT**

**Safety holding handle**
- **DR-SHH**

**Hamming head**
- **DRH-LG**

**Sledge hammer**
- **Jackhammer**

**Locking the anchor**

During locking, anchor will pull back up as it turns, settles, and locks. Depending on soil type, this can typically be 4-12 inches (10-30 cm).

**LEVERAGE**
- **Ratchet-lever hoist ("come-along")**
- **Bumper jack**

**HYDRAULIC POWER**
- **Anchor Locker**

**ENGINE POWER**
- **Jackhammer**

**Through asphalt**

Make slot through asphalt

One method:
- **Jackhammer with chisel**

**Non-vertical load**

Install at same angle as load for maximum pullout strength

**Contact us for CUSTOM WORK**
- Size, length, shape, material, prototypes, cable assemblies
- **American Earth Anchors**
- info@americanea.com
- americanearthanchors.com

© 2018 American Earth Anchors
QR-10AL-72TH Mar 2018

**American Earth Anchors info@americanea.com americanearthanchors.com**

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