American Earth Anchors

The best screw you will have in the dirt™

4ST-60CC | Specification

4" steel arrowhead with 5' cable and cable clamps

Anchor
Galvanized steel

Cable
Galvanized steel aircraft cable

Cable clamps
Galvanized steel

Steel Arrowheads

Diameter: 3/16" (4.8 mm)
Length: 5' (1.5 m)
Breaking strength: 4,200 lb (18.7 kN)
Available in stainless steel as special order

LOAD CAPACITY
Pullout strength at MINIMUM DEPTH 2½' (.8 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 fine un-</td>
<td>Loose fine un-</td>
</tr>
<tr>
<td>3,500 lb</td>
<td>2,200 lb</td>
<td>1,900 lb</td>
<td>compacted sand</td>
<td>compacted sand</td>
</tr>
<tr>
<td>15.6 kN</td>
<td>9.79 kN</td>
<td>8.45 kN</td>
<td>4.00 kN</td>
<td>2.11 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
QR-4ST-60CC Mar 2018

© 2018 American Earth Anchors
American Earth Anchors
info@americanea.com
americanearthanchors.com

866-520-8511
+1 508-520-8511
4ST-60CC | Installation

Don’t use rebar – it can get stuck in the anchor!

Drive rod fits into back of arrowhead

1. DRIVE anchor to minimum depth of 2½' (.8 m)
2. REMOVE the drive rod
3. PULL the cable to turn ("lock") the anchor

Into the ground

3' (.9 m) drive rod

3¼" (19 mm) diameter

DR-4ST

Safety holding handle

DR-SHH

Hammering head

DRH-SM

Sledge hammer

Demolition hammer

Locking the anchor

During locking, anchor will pull up as it turns, settles, and locks. Depending on soil type, this can typically be 1-5 inches (3-13 cm).

SIMPLE PULL

Wrap cable around rod, hold coils down, and PULL

Most common method for this size anchor

LEVERAGE (Manual)

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

LEVERAGE (Mechanical)

Not usually needed for this size anchor

Ratchet-lever hoist ("come-along")

Bumper jack

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
OR-4ST-60CC Mar 2018

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