4" steel arrowhead with 5' or 10' cable and Quickvise

Anchor
Galvanized steel

Cable
Galvanized steel aircraft cable

Diameter: 3/16" (4.8 mm)
Length: 5' (1.5 m)
10' (3 m)
Breaking strength: 4,200 lb (18.7 kN)
Available in stainless steel as special order

Quickvise
Shell: Aluminum
Jaws: Galvanized steel
Spring: Stainless steel
Available separately as product QV316

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>
</tr>
</thead>
<tbody>
<tr>
<td>Hardpan Asphalt</td>
<td>Sandy gravel</td>
<td>Silty/clayey sand</td>
<td>Loose/med dense sands</td>
</tr>
<tr>
<td>Very dense sand</td>
<td>Silty gravel</td>
<td>Loose sands</td>
<td>Firm clays</td>
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<tr>
<td>3,150 lb</td>
<td>2,200 lb</td>
<td>1,900 lb</td>
<td>900 lb</td>
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<tr>
<td>15.6 kN</td>
<td>9.79 kN</td>
<td>8.45 kN</td>
<td>4.00 kN</td>
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</tbody>
</table>

Soil classification per ASTM D-2487/2488
4ST-60QV
4ST-120QV

**Installation**

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

**Sledge hammer**

Demolition hammer

**Locking the anchor**

**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")**

**Through asphalt**

Make slot through asphalt

One method: Jackhammer with chisel

**Non-vertical load**

Install at same angle as load for maximum pullout strength

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

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info@americanea.com
americanearthanchors.com

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

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