### 3" steel arrowhead with 5' cable and 3 cable clamps

**Anchor**
- Galvanized steel
- 3" (7.5 cm)

**Cable**
- Galvanized steel aircraft cable
  - Diameter: 1/8" (3 mm)
  - Length: 5' (1.5 m)
  - Breaking strength: 2,000 lb (8.9 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 2' (.6 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/med dense sands</td>
<td>Loose fine un-compacted sand</td>
</tr>
<tr>
<td>2,000 lb</td>
<td>1,800 lb</td>
<td>1,700 lb</td>
<td>600 lb</td>
<td>350 lb</td>
</tr>
<tr>
<td>8.90 kN</td>
<td>8.01 kN</td>
<td>7.56 kN</td>
<td>2.67 kN</td>
<td>1.56 kN</td>
</tr>
</tbody>
</table>

**Soil classification per ASTM D-2487/2488**

Contact us for CUSTOM WORK

Size, length, shape, material, prototypes, cable assemblies

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**3ST-60CC | Installation**

**1. DRIVE**
- Anchor to minimum depth of 2’ (1 m)

**2. REMOVE**
- The drive rod

**3. PULL**
- The cable to turn (“lock”) the anchor

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**Into the ground**

- **3’ (.9 m) Drive rod**
- ½” (13 mm) diameter
- DR-3ST

**Safety holding handle**
- DR-SHH

**Sledge hammer**
- Demolition hammer

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**Locking the anchor**

- **During locking,** anchor will pull up as it turns, settles, and locks. Depending on soil type, this can typically be 1-4 inches (3-10 cm).

**SIMPLE PULL**
- Wrap cable around rod, hold coils, and PULL

**LEVERAGE**
- (Manual)
- Most common method for this size anchor
- Wrap cable around rod and use rod as a push-down or pull-up lever

- (Mechanical)
- Not usually needed for this size anchor
- Ratchet-lever hoist (“come-along”)

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**Through asphalt**

- Make slot through asphalt

- One method: Jackhammer with chisel

**Non-vertical load**

- Install at same angle as load for maximum pullout strength

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