**3ST-36AT Specifications**

3" steel arrowhead with 3' cable and anti-theft loop

- **Anchor**: Galvanized steel, 3" (7.5 cm)
- **Cable**: Galvanized steel aircraft cable
  - **Diameter**: ⅛" (3 mm)
  - **Length**: 3' (.9 m)
  - **Breaking strength**: 2,000 lb (8.9 kN)

**Steel Arrowheads**

- 3"
- 4"

**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</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>Asphalt</td>
<td>Very dense sand</td>
<td>Silty gravel</td>
<td>Loose sands</td>
<td>Firm clays</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>
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<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
**3ST-36AT | 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 2’ (1 m)

2 **REMOVE**  
the drive rod

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

### Into the ground

3’ (.9 m) drive rod

½” (13 mm) diameter

DR-3ST

Safety holding handle  
DR-SHH

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 1-4 inches (3-10 cm).

**SIMPLE PULL**

Wrap cable around rod, hold coils, and PULL

**LEVERAGE**

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

### Through asphalt

Make slot through asphalt

One method: Jackhammer with chisel

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

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