3AL-36QV-Disk | Specifications

3" bullet with 3' cable and disk

Anchor
Anodized cast aluminum
- Aircraft-quality 356 alloy
- Heat-treated to T6 specification

Cable
Galvanized steel aircraft cable
Diameter: ⅛" (3 mm)
Length: 3' (.9 m)
Breaking strength: 2,000 lb (8.9 kN)
Available in stainless steel as special order

Disk with integral Quickvise
- Integral Quickvise
- HDPE disk with holes for roots
- Green color blends with vegetation

Bullet vs. arrowhead
Streamlined bullet shape is designed for driving through compact or stony soils, gravel, hard clay, and other dense or difficult conditions

Bullet
.65 lb (.3 kg)

Bullets
All have the same bullet anchor, with different cable lengths or type of cable termination

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/dense sands</td>
<td>Loose fine un-</td>
</tr>
<tr>
<td>1,100 lb</td>
<td>1,100 lb</td>
<td>1,100 lb</td>
<td>600 lb</td>
<td>350 lb</td>
</tr>
<tr>
<td>4.89 kN</td>
<td>4.89 kN</td>
<td>4.89 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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3AL-36QV-Disk | Installation

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

Drive rod fits into back of the bullet

1. DRIVE bullet to minimum depth of 2’ (1 m)
2. REMOVE the drive rod
3. PULL the cable to turn (“lock”) the bullet

**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 bullet**

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, PULL

**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”)

**Attaching the disk**

1. Thread disk onto cable
2. Pull cable UP through disk, push disk DOWN against surface

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