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

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

**Cable**
Galvanized steel aircraft cable

**Quickvise**
Available separately as product QV18

- **Steel Arrowheads**
  - 3"
  - 4"
  - 3-ST-36TH
  - 3-ST-60CC
  - 3-ST-36QV-Disk
  - 3-ST-60QV
  - 3-ST-36AT
  - 4ST-48TH
  - 4ST-60CC
  - 4ST-60QV
  - 4ST-120QV
  - 4ST-48AT

- **Specifications**
  - Diameter: 1/8" (3 mm)
  - Length: 5' (1.5 m)
  - 10' (3 m)
  - Breaking strength: 2,000 lb (8.9 kN)
  - Available in stainless steel as special order

- **Breaking Strength**
  - Soil Class 1: 1,100 lb (4.89 kN)
  - Soil Class 2: 1,100 lb (4.89 kN)
  - Soil Class 3: 1,100 lb (4.89 kN)
  - Soil Class 4: 600 lb (2.67 kN)
  - Soil Class 4: 350 lb (1.56 kN)

Soil classification per ASTM D-2487/2488
3ST-60QV 3ST-120QV | 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
1/2” (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 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