



5/9/2023

Standard Specifications (Square Poles):

- Pole Shaft:** The pole shaft is fabricated from weldable grade hot-rolled square tubing that meets or exceeds the requirements of ASTM A500C. It has a minimum yield strength of 48,000 psi.
- Anchor Base:** The base plate is fabricated from a structural quality hot-rolled carbon plate that meets or exceeds the requirements of ASTM-A36. It has a minimum yield strength of 36,000 psi or 55 ksi if requested.
- Anchor Bolts:** Anchor bolts are fabricated from hot-rolled carbon steel bar that meet or exceed requirements of ASTM-A36. Each bolt has an "L" bend on one end and a minimum 4" thread on the other, with 2 nuts and 2 washers (assembled). The anchor bolt is hot-dipped galvanized per ASTM-A153.
- Handhole:** The handhole consists of a 3" x 5" oval reinforced frame with 16 gauge cover, steel attachment bar, and 1/4" screw. A grounding lug is installed inside the pole shaft opposite the handhole opening. The handhole is welded in the pole shaft and located at 12" above the base.
- Finish:** After fabrication, the pole is sand blasted to a near white finish and treated with an iron phosphate solution. A high quality polyester powder is then electrostatically applied and cured to a minimum 2.5 mil. thickness.

All Cem-tec square poles include the following standard equipment:

- handhole with steel cover and attachment cleat
- weatherproof plastic cap for drilled poles
- 2 piece square steel base cover
- anchor bolts
- aluminum grounding lug
- polyester powder coat finish (standard colors are bronze, black, white, gray, silver)
- single or double side drilling to match fixture

The following options are available upon request:

- Base Covers - square 2 piece

-- Anchor Bolts

- 3/4" x 18" x 3"
- 3/4" x 30" x 4"
- 1" x 24" x 4"
- 1" x 36" x 4"
- 1-1/4" x 44" x 4"
- 1-1/4" x 44" Plate

--Additional Drillings

- Tenon **T2** (2-3/8"), **T2.5** (2-7/8"), T3 (3"), **T3.5** (3-1/2"), **T4** (4")
- Duplex Provision
- Additional Handhole w/ cover
- Handhole / Coupling combination
- Non-standard Powder Coat color

FREIGHT—prices include local delivery only. Consult factory for non local & out of state shipments.