CAMPBELL SCIENTIFIC
WHEN MEASUREMENTS MATTER

UTBASE

Base Kit for UT20/UT30

Overview

The UTBASE is designed to provide a simpler, easier installation method for 6 m and 10 m (20 ft and 30 ft) towers. The UTBASE eliminates the need for you to install bolts in part of the tower section, as you only need to install bolts in the concrete. By using the template, you can ensure that the bolt spacing is initially correct and maintained while the concrete cures. In addition, the template allows room for you to embed conduit in the concrete if desired. You can also adjust the UTBASE after the concrete has cured to ensure that the tower is true/plumb.

Specifications

Bolt Description	3/8-16 316SS bolts with black oxide 304SS nuts
Anchor Bolt Description	3/4-10 x 30.48 cm (12 in.) 316SS (The included anti-seize lubricant is used with these bolts.)
Connecting Tube	❱ 12.95 cm (5.1 in.) long 2.54 cm (1 in.) schedule 40 pipe (1.315 OD) 6061-T6 aluminum ❱ One universal tube
Clevis Description	❱ 3/4-10 threaded for adjustable level on anchor bolts; no jam nut needed ❱ 6061-T6 anodized aluminum
Clevis Dimensions	10.8 x 3.81 x 5.33 cm (4.25 x 1.5 x 2.1 in.)
Template Description	Re-usable galvanized template with 3/4-10 nylon nuts (Anchor bolts are placed at 43.18 cm [17 in.] apart in the triangle.)
Maximum Wind Load Recommendation	❱ *Assumes the following: 18 in. x 16 in. enclosure, 20 W solar panel, 2 ft crossarm, 6 in. x 9 in. rain bucket and mount, pyranometer with mount, anemometer with mount, 9 in. radiation shield with mount, and 18 in. antenna with mount.* ❱ 177 km/h (110 mph) without guy wires

For comprehensive details, visit: www.campbellsci.com/utbase