

**Berntsen International, Inc.**  
***Marking the Boundaries of the Nations since 1972***

**MONUMENT INSTALLATION INSTRUCTIONS**

**PERMAMARK SURVEY CAPS FOR REBAR**

Models PERM3000, PERM4000, PERM5000, PERM6000

**MATERIALS REQUIRED FOR SETTING MONUMENT:**

1. Sledgehammer (recommended: Urethane-faced deadblow sledgehammer)
2. Steel stamp set
3. Survey Cap
4. Rebar
5. Work gloves and proper eye protection and clothing

**INSTALLATION**

1. Locate and clear point at which monument is to be set.
2. Place a "scratch" mark about 1 1/2 inches (38 mm) from the end of the rebar with your pencil, pen marker, knife, etc. This mark will be your guide to assure the cap is tightly and completely seated on the rebar.
3. Drive rebar to desired depth.
4. To restrict any "sinking" of the rebar into the ground in "soft" soil (as the survey cap is driven on) clamp a pipe wrench or vice grip style locking pliers to the rebar at ground level. The handle of the wrench (or pliers) will act as a "brake" to prevent the rebar from sinking into the ground. Using a urethane-faced or rubber hammer, tap the survey cap on the rebar until the bottom of the plastic insulator has met the "scratch" mark on the rebar. When properly installed, a tremendous force must be used to remove the cap from the rebar.

**NO ADDITIONAL BONDING OR CRIMPING IS NECESSARY.**

**NOTE:** If the rebar you are using seems to be mushrooming excessively during driving, you may wish to make or purchase a rebar driver. Be sure to use properly hardened tools and discard any chipped or mushroomed tool.

*REMEMBER: "Any Monument Is Only As Good As How It Was Set".*

**QUESTIONS? PLEASE CONTACT US FOR ASSISTANCE:**

Email: [surveymark@berntsen.com](mailto:surveymark@berntsen.com)

**Toll-Free Telephone: 1-800-356-7388 (USA, Canada and Caribbean Islands)**

**Toll-Free Fax: 1-800-249-9794 (USA, Canada and Caribbean Islands)**

**Telephone: +1 608.249.8549 (all other countries)**

**Fax: +1 608.249.9794 (all other countries)**