

# Berntsen®

## Recommended Installation Tools



Bosch Hammer Drill



Countersink Drill Bit



Drylock Cement



Cap Mag



Stamp Set

All tools available at [www.berntsen.com](http://www.berntsen.com)

# Berntsen®

Marking the Infrastructure of the World.™



### REMEMBER:

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

## Questions or Comments?

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# Installation Instructions

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## Concrete Monuments

## Concrete Monument Models:

CD2; CD2B; CD2L; CD2BL; C25D; C25DB;  
C35D; C35DB; C35F; C35FB; C4D; C4DB;  
RT35D; RT35DB; RT35F; RT35FB

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## Materials Required For Setting Monument:

1. Monument
2. Chisel or Drill (such as our Countersink drill bit & Bosch Hammerdrill 36 Volt)
3. Grouting Concrete (DRYLOCK cement)
4. Steel Stamp Set
5. Work gloves and proper eye protection and clothing.

**IMPORTANT:** Prior to installation, stamp as much information on the marker as possible.

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## Existing Concrete/Rock Using Berntsen Countersink Drill Bit:

Assemble the three-piece drill bit. Thread countersink bit to small pilot drill; then thread on the SDS-Plus, SDS-Max, or Spline drill shank. Hand tighten securely.

Start drilling the hole, being sure to keep your drill straight and not at an angle. Drill the countersink deep enough to accommodate the thickness of the marker top.

After countersink is complete, re-drill stem hole with 1/8" bit. If installing the RT series markers, use a 1/4" bit. Clean debris from hole and epoxy or grout marker in place.



## Existing Concrete/Rock Without Using Berntsen Countersink Drill Bit:

Chisel or drill a 3/4 to 1 inch (19mm to 25mm) diameter hole - (3 3/8 inches [90 mm] deep for C or R series Markers; 2 1/2 inches [57 mm] deep for the model CD2 marker series).

Clean out hole and surrounding surface area (T1854 Blow-out Bulb). Insert marker into hole. Using chalk, felt-tip marker, or other writing instrument, outline outside edge of the marker. Remove marker from hole.

Using a chisel, enlarge hole to marked outline. Reinsert marker into hole to verify proper fit. Continue enlarging area as required to provide for a flush-mounted installation. Clean area. Put a small amount of grouting material into hole (we recommend DRYLOCK brand anchoring cement which is non-shrinking and sets in 5-20 minutes).

Insert marker into hole and determine how much additional grouting material must be used. Repeat process until all voids are filled. Clean and finish area.

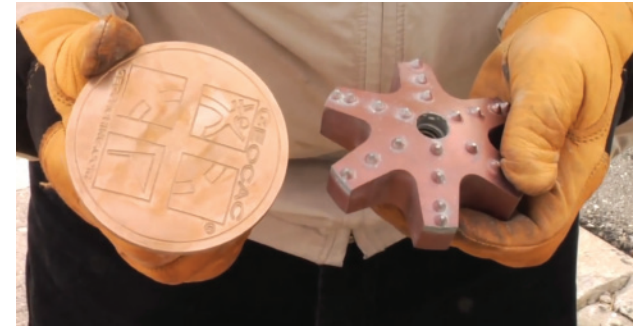
## Poured-In-Place Monuments:

After monument has been poured in place, allow to set for 5-10 minutes and then insert marker into proper position.

Clean area around top surface of marker.

**CAUTION:** Do not attempt to mark additional information on marker until the monument is completely set.

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**HINT:** For best adhesion of grouting material, make chisel/drill hole as close as possible in size to the marker being set.