



Recommended Installation Tools & Accessories



Lixie Hammer



Loctite Adhesive



Installation Tool Kit



Square Top



Polyroc Block

All tools available at www.berntsen.com



REMEMBER:

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

Questions or Comments?

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Installation Instructions

FENO®
Anchored
Survey Markers

Materials Required For Setting FENO® Monument:

1. Feno® Survey Marker

(F350SPK, F600SPK, F1000SPK)

2. Survey Cap - 2" (50mm) or 3½" (89mm)

diameter cap in aluminum or bronze:

- F50ARA - 2" alum. for F350SPK/F600SPK
- F50ARB - 2" alum. for F1000SPK
- F50BRA - 2" bronze for F350SPK/F600SPK
- F50BRB - 2" bronze for F1000SPK
- F83ARA - 3¼" alum. for F350SPK/F600SPK
- F83ARB - 3¼" alum. for F1000SPK
- F83BRA - 3¼" bronze for F350SPK/F600SPK
- F83BRB - 3¼" bronze for F1000SPK

3. Installation Tool Kit - consists of:

- Driving Tool (F350DRV, F600DRV, F1000DRV)
- Extension Sleeve (F350SLV, F600SLV, F1000SLV)
- Ground Plate (F350/600GP or F1000GP)

4. Lixie Deadblow Hammer

(LX7, LX10, LX11)

5. Steel stamp set

(for marking information on survey cap)

If possible, stamp data on cap before installing.

6. Work gloves and proper eye protection

7. Loctite PL - Premium Adhesive

(necessary for aluminum caps only)

8. *Optional: Feno® Polyroc Monument Block*

available in Red, White, and Yellow:

(F90WHITELS, F90YELLOWLS, F90REDLS)
for F350SPK or F600SPK; and (F110WHITELS,
F110YELLOWLS, F110REDLS)
for F1000SPK.

CAUTION: Before beginning any monument installation, contact your local ONE-CALL Utility Location Service to verify the safety of your chosen location.

Installation Steps:

1. Determine point for placement of survey marker.
2. Place ground plate (F350/600GP or F1000GP) at desired point.
3. OPTIONAL: Place Polyroc Monument Block (F90WHITELS, F90YELLOWLS, F90REDLS, F110WHITELS, F110YELLOWLS, F110REDLS) on top of the ground plate at point.
4. Drive the Feno® spike into the ground through the Ground Plate, using the driving tool and hammer.
5. Stop driving the spike when the top of the spike reaches the ground plate (STOP position).
6. Remove the driving tool.
7. Place the Extension Sleeve (F350SLV, F600SLV, or F1000SLV) down inside the spike.
8. Drive the Extension Sleeve downwards with the hammer. This ensures that the Polyroc Monument Block (if used) is firmly held in place and the anchor prongs are expanded and driven into the soil.
9. Stop driving the Extension Sleeve when the bottom of the handle is about 20mm (¾") above the top of the spike (STOP position).
10. Remove the Extension Sleeve.
11. Carefully tap survey cap into top of Feno® spike until it is completely seated in spike.
12. For aluminum caps only, a bead of Loctite premium adhesive will need to be applied to the area where the cap meets the top of the spike.
13. Remove Ground Plate.

