

1/2" Conduit/Rebar Pole Mounting System

Designed by Steve Gilbertson, Aitkin, MN

This system has become the standard for mounting light to medium weight nestboxes. It uses readily available, affordable materials and is easy to install. When the conduit is polished with steel wool, coated with a quality paste wax and buffed smooth, the system is extremely resistant to climbing predators.

Tools

Large Hammer
Phillips head screwdriver
Work gloves
Safety glasses

Conduit

5 foot section 1/2" conduit (electrical metallic tubing, or EMT). Usually sold in 10 foot lengths. Most retailers will cut these to length for you.

1/2" Conduit Coupler

Longer screw for conduit coupler

The bottom coupler screw is tightened against the rebar to prevent the conduit from rotating. Because the screws supplied with the coupler are too short to reach the smaller diameter rebar, the bottom screw must be replaced with a slightly longer screw.

Rebar

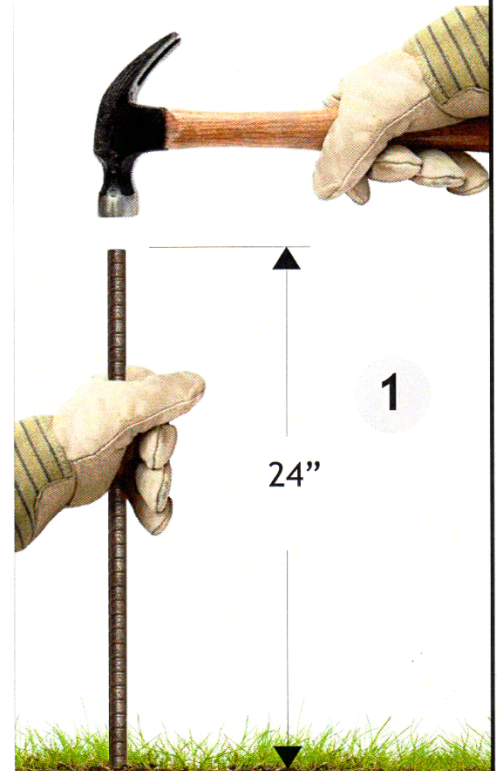
4 or 5 foot section 1/2" rebar. Use 4 foot for normal soils, 5 foot for loose or sandy soils.

Safety Precautions

Insure that no underground utilities are present where you plan to install this system. You could be injured if the metal rebar comes into contact with electrical cables, and you may be liable for any damages. Don't guess – *know!*

Wear gloves and eye protection

Step by Step



Use hammer to drive rebar into ground. Leave approximately 24" above ground.



Attach 1/2" EMT coupler to end of conduit. Tighten upper screw against conduit. Install longer screw in bottom but do not tighten.



Slip conduit/coupler assembly over rebar. Tighten bottom screw against rebar.