

## **EXTENDABLE, ADJUSTABLE GRAB-SAMPLING POLE**

Do it yourself...cheap and easy!



### **MATERIALS LIST:**

- (1) extendable painting rod; 6 feet extendable to 12 feet fit our needs the best
- (1) 2-inch Irwin Speed Clamp
- (2) 8/32" x 2" bolts
- (2) 8/32" locking nuts
- (4) #6 washers (NOTE: Stainless Steel is best, but standard zinc will work)
- (2) pieces closed-cell foam, 1.5" x 10" (trim to length after installing)
- (2) 5" or longer nylon wire ties

### **ASSEMBLY INSTRUCTIONS:**

1. Round out the inside end of the clamp handle (opposite the ratchet) to form a smooth fit when positioned on the extension rod ().
2. Drill out the rivet holding the threaded attachment on the end of the extension rod and remove threaded attachment.
3. Position the modified clamp handle to the end of the extension rod, using a separate, sturdy clamp. Drill one hole large enough for an 8/32" bolt.
4. Install one of the 8/32" bolts, locking nut, and two washers. Make sure the nut is positioned on the outside of the handle to allow the clamp to close completely ().



5. Remove the separate clamp that was holding the Irwin Speed Clamp in place. Tighten the bolt, washer and nut assembly.

6. Drill the second hole; install and tighten the second bolt, nut and washer assembly.

7. Position the 3/8" foam inside the jaws of the clamp. Using a sharp pointed object (knife, scissors, etc.), make a small hole in the foam on both sides of the clamp, just large enough to stick the wire tie through. Wrap the ties around the foam and secure in place.



8. This adjustable clamp will grip down on virtually any size sample bottle, and the foam keeps the bottle secure inside the clamp armatures ().



9. You are ready to sample!

