

## DROP WIRE CLAMPS INSTALLATION

### 1. GENERAL

1.01 This practice provides the description of and installation procedure for the PS-6 drop wire clamp.

### 2. DESCRIPTION

2.01 The PS-6 drop wire clamp (Figure 1) consists of a stainless steel wedge, bail, shell, and plastic shim. The plastic shim makes removal easy and prevents installation damage.

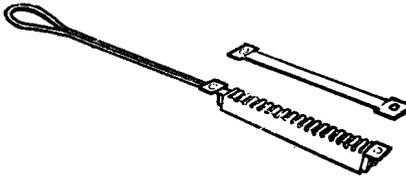


FIGURE 1. Drop Wire Clamp

2.02 Drop wire clamps are used for attachment to poles, crossarms, and the first attachment on buildings. The PS-6 drop wire clamp is designed for use with reinforced dumbbell wire.

### 3. INSTALLATION

3.01 Following is the installation procedure for the PS-6 drop wire clamp:

- a. Place the bail over the hook or knob by spreading the shaft (not the eye) of the bail.
- b. Pinch the shaft of bail together while pulling the eye toward the knob. This action will cause proper positioning of eye on the knob.
- c. Place the shell of the clamp over the wire with the narrow end pointing toward the knob or hook. The wire should be flat in the shell before the wedge is inserted. See Figure 2.

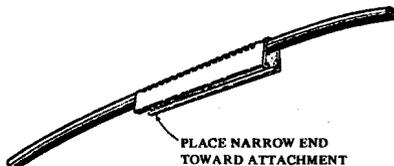


FIGURE 2. Placing Clamp Shell

- d. Place the plastic shim under the drop wire inside the clamp shell by inserting the shim edgewise and twisting its end until the shim snaps in place. See Figure 3.

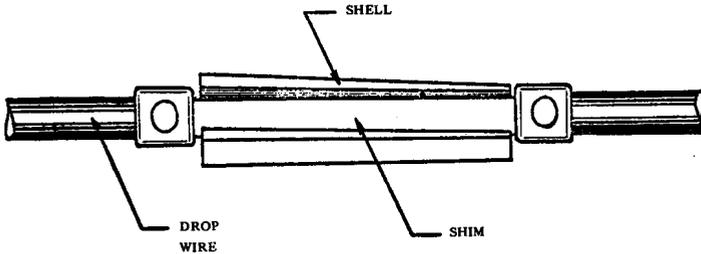


FIGURE 3. Insert Shim In Clamp Shell

- e. Insert the wedge loosely under the clamp with point of wedge directed toward the attachment. If necessary, bend the loop of the clamp at the point of contact with the wedge to facilitate inserting the wedge. Do not bend the drop wire excessively. See Figure 4.

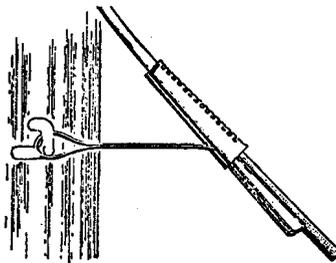
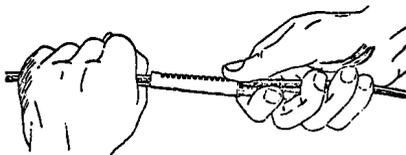


FIGURE 4. Inserting Clamp Wedge

- f. Where necessary to adjust slack, slip the wire through the loose shell until the proper amount of sag has been secured. During this operation, hold the shell in this position with the thumb, as illustrated in Figure 5.
- g. When the proper sag has been obtained, pull the shell firmly against the wedge. Tap the wedge firmly with a blunt tool to drive it home.



**FIGURE 5. Obtaining Proper Sag**

- 3.02 In case the drop wire clamp leaves the groove of the knob at an appreciable angle, give the clamp three half-turns to prevent the bail from pulling off the knob. Twist the clamp by hand with the shell in place. Remove the shell and install the drop wire. Reassemble the clamp.