

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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AT&T Co Standard

SLACK PULLERS

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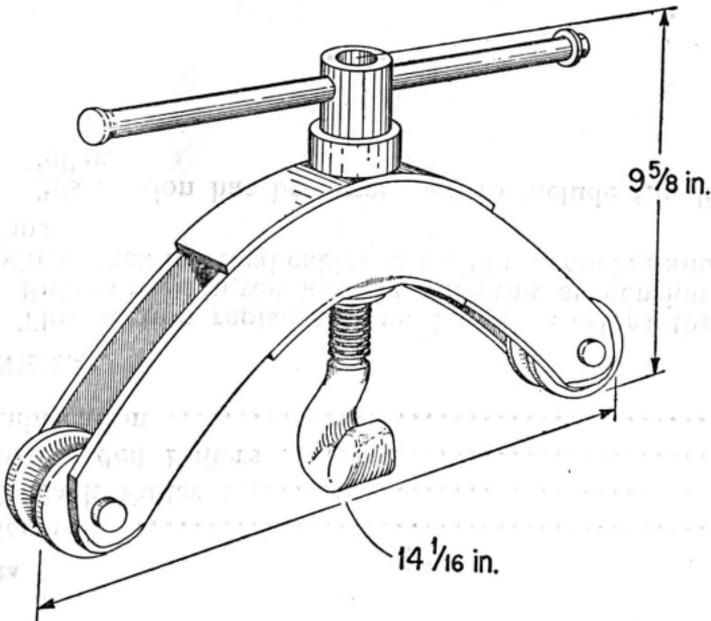
1. GENERAL

1.01 This section replaces Issue 1 and describes the Slack Pullers used in temporarily deflecting suspension strand to introduce slack in aerial cables to facilitate splicing and repair operations.

1.02 This section has been reissued to include the E Slack← Puller.

2. E SLACK PULLER

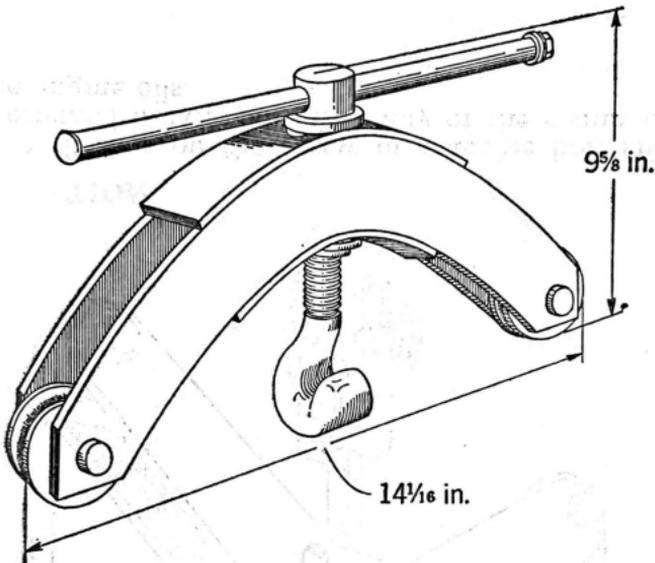
2.01 The E Slack Puller, which is illustrated in the following sketch, is currently being supplied. It consists of an arch-shaped frame supporting grooved rollers at each end and a lifting screw in the center. The screw is equipped with a thrust type ball bearing which lowers the turning effort to about 1/2 that of the superseded designs. The hook on the lower end of the screw engages the strand. The upper end of the screw is equipped with a sliding removable handle. The screw is also equipped with a stop to prevent accidental separation of the screw from the frame. The ends of the frame member have been rounded as well as bevelled on the outside edge to prevent the strand from accidentally resting on the frame instead of the roller.



3. SUPERSEDED PULLERS

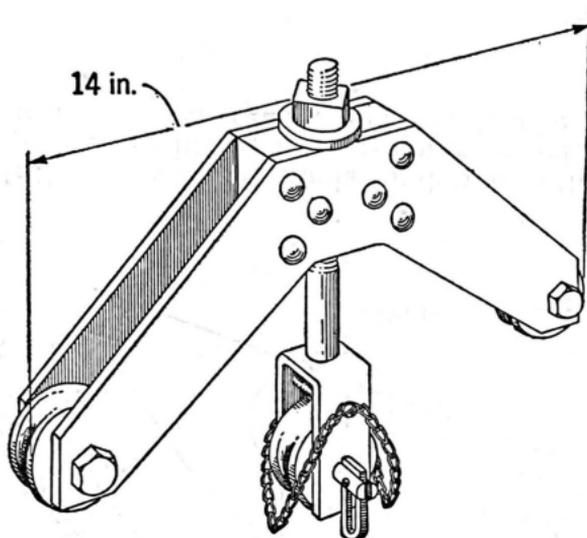
3.01 Slack pullers which are superseded but are still in use, are as follows:

3.02 **D Slack Puller.** This is similar in design to E Puller except that the lifting screw is not equipped with the thrust type ball bearing and the ends of the frame members are bevelled but not rounded. It is illustrated below.



3.03 **C Slack Puller.** This is similar in design to the D Puller, except that the lifting screw is not equipped with a stop to prevent accidental separation, and the handle is not removable.

3.04 **B Slack Puller.** This consists of a V-shaped steel frame which supports a grooved roller at each end and a lifting member at the center. The lifting member consists of a machine bolt, a nut, a clevis, a grooved roller and a pin. The center roller and pin are attached to the clevis with short lengths of chain to prevent loss. The center pin is also equipped with a slotted key to lock the pin in place. It is illustrated below. The puller is operated by turning the nut on the machine bolt with a lineman's wrench.



4. LUBRICATION

4.01 The threads on the screw or machine bolt should be lubricated occasionally with any of the commonly used automobile engine oils.