

B POLE TOP GIN

DESCRIPTION AND USE

1. GENERAL

1.01 This section covers the description, use, and maintenance of the AT-8415 B Pole Top Gin.

1.02 The gin is used primarily for:

- (a) Transferring or raising cable
- (b) Transferring or raising load coils.

2. DESCRIPTION

2.01 The B Pole Top Gin consists of a cast aluminum arm provided with an eye for lifting attachments, a laminated hardwood mast, and a lever-type chain binder for securing the gin to the pole (Fig. 1).

3. PRECAUTIONS

3.01 Observe the following precautions before raising a cable or attachment:

- (a) The workman shall observe the precautions outlined in Sections 620-131-010, 620-132-010, and 620-133-010.
- (b) The workman is required to use head and eye protection when working with the pole top gin.
- (c) Do not exceed the 750-pound safe working load of the gin. (A load of 375 pounds can be lifted when block is used.)
- (d) Do not tighten the chain against telephone, power, or other plant placed vertically on the pole.

(e) Do not place the gin so it extends into a power crossing above the pole.

(f) Inspect the gin for cracks, breaks, etc, before use.

(g) Make sure that the safety chain is locked and pinned in place and that the bottom spurs have penetrated the pole exterior.

4. PLACING

4.01 Before placing the gin, the workman should be familiar with the operation of the locking chain tightener (Fig. 2 and 3).

(a) Use normal hand pressure to operate the chain binder lever; **do not force the chain binder lever to close.**

(b) Make sure that the chain link is properly seated in the chain grip.

(c) Adjust the half-link or full-link take-up position, if necessary, before tightening the chain.

(d) Insert the safety pin in the release trigger when the chain binder lever is in the closed position.

(e) When removing the gin, pull the safety pin and press the release trigger to release the chain.

4.02 Lift the gin with the handline and position the gin on the pole. Do not place the binder chain nearer than 6 inches from the top of the pole (Fig. 4). Secure the gin to the pole as described in 4.01 (a) through (d).

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4.03 When lifting cable or other attachments, use a chain hoist or wire rope snatch block placed in the eye of the gin (Fig. 5 and 6).

Note: When used with a block, the total load on the gin is twice the weight being lifted. Safe weight is half of 750 pounds or 375 pounds.

5. MAINTENANCE

5.01 Before use, visually inspect the metal and wooden parts of the gin for cracks, breaks, and abnormal wear. Gins with any visible defects should not be used.

5.02 Apply an approved light machine oil to all moving parts and to the chain of the gin at regular intervals.

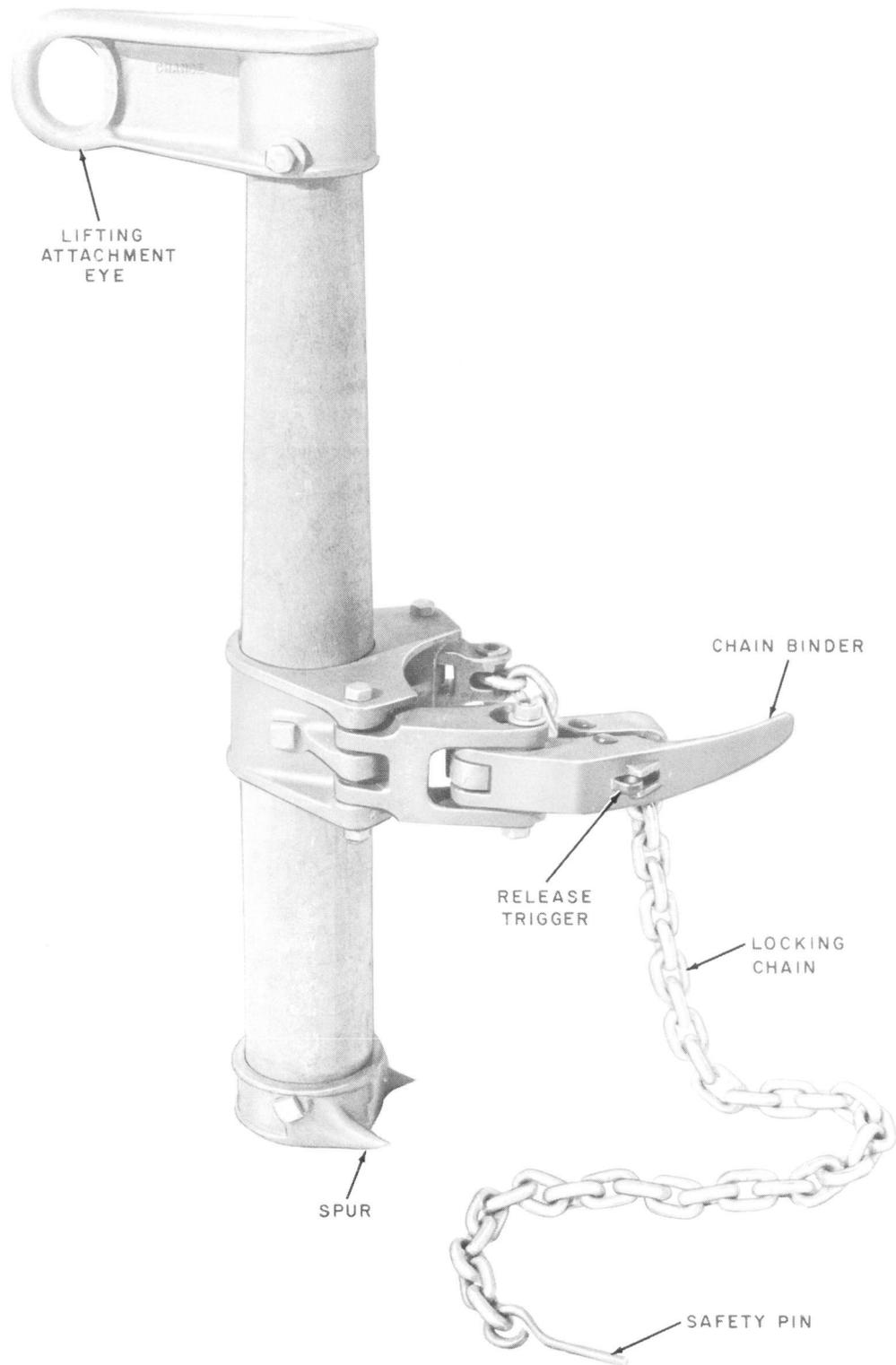


Fig. 1—Pole Top Gin

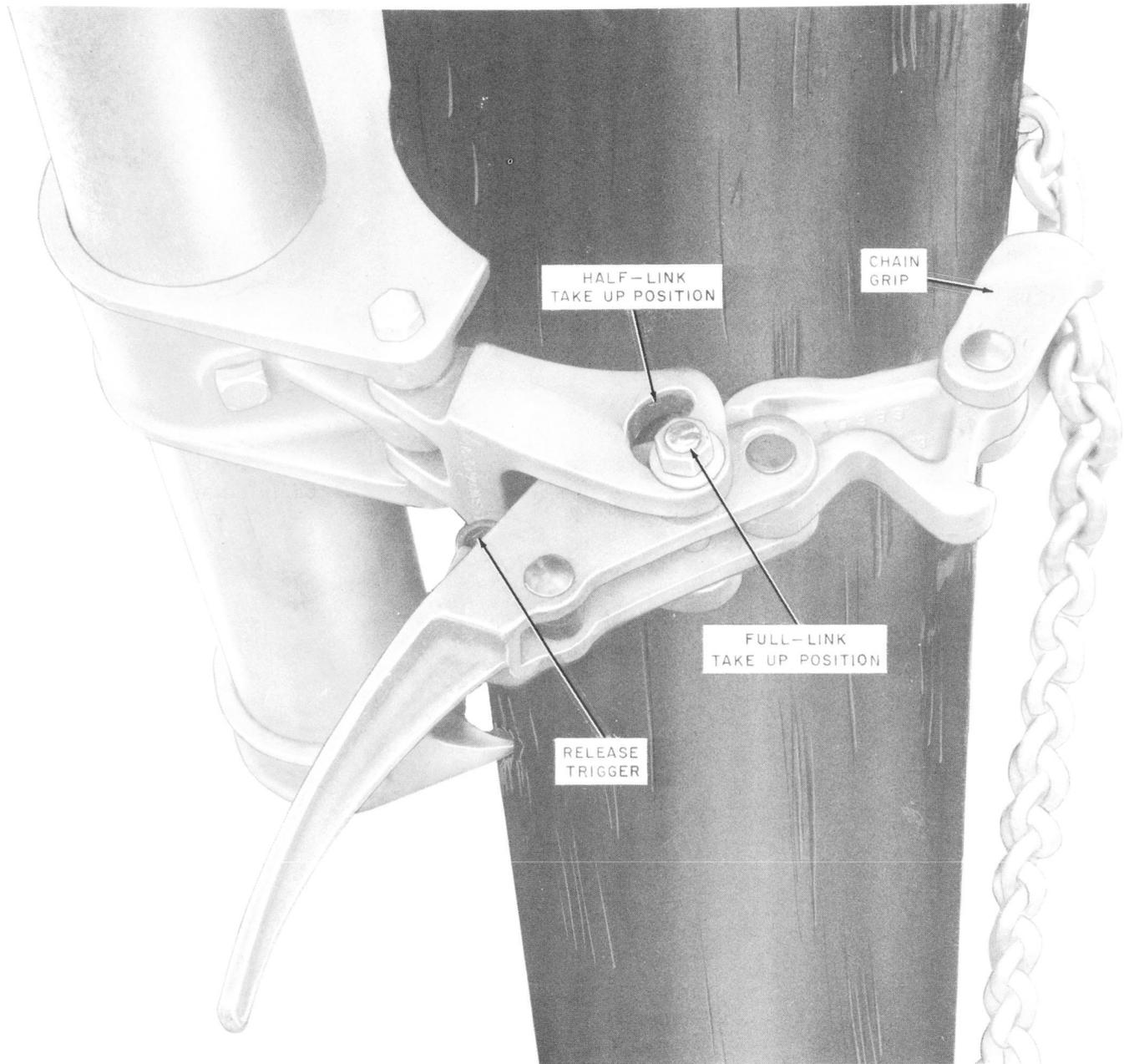


Fig. 2—Chain Binder in Open Position

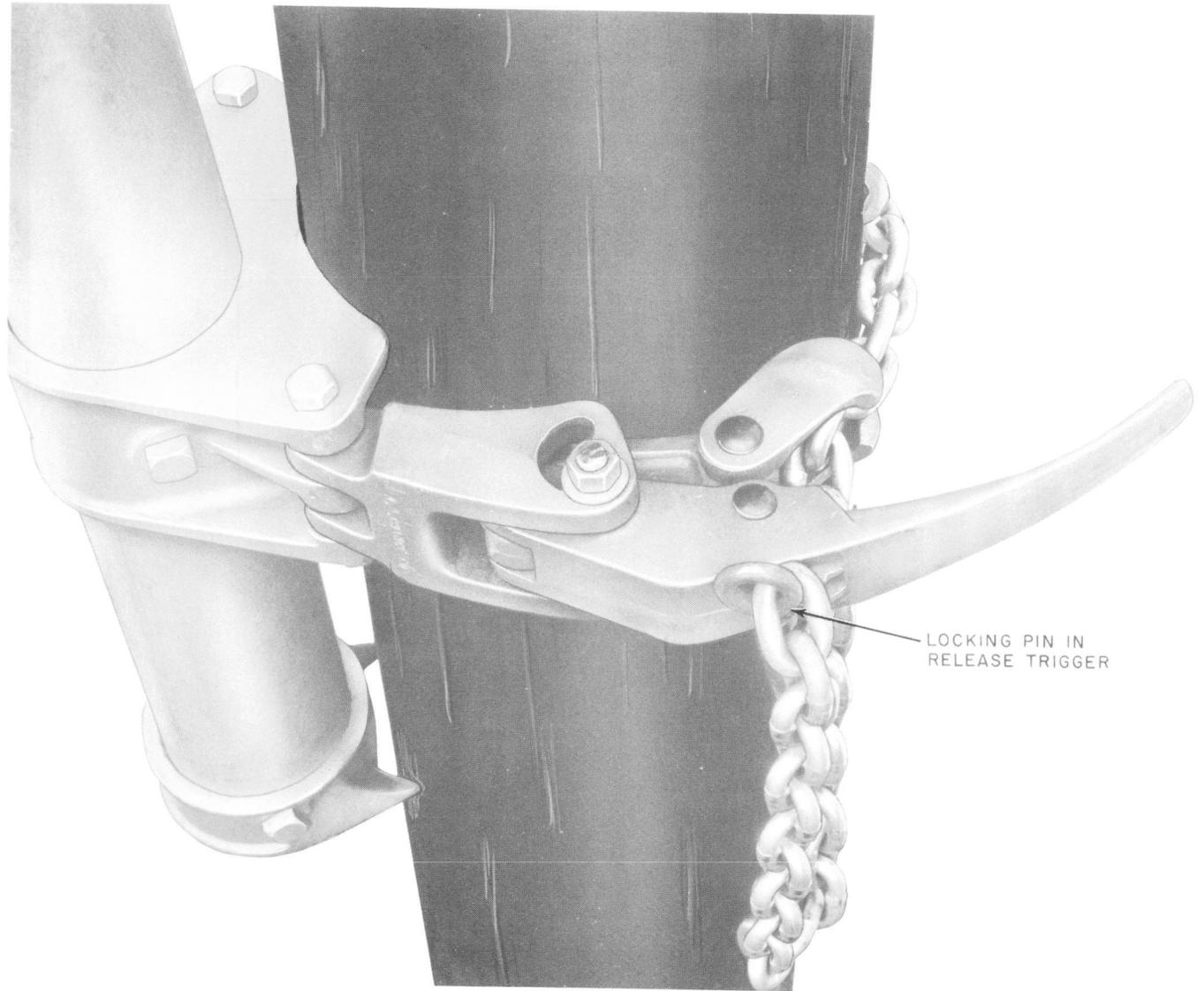


Fig. 3—Chain Binder in Closed Position

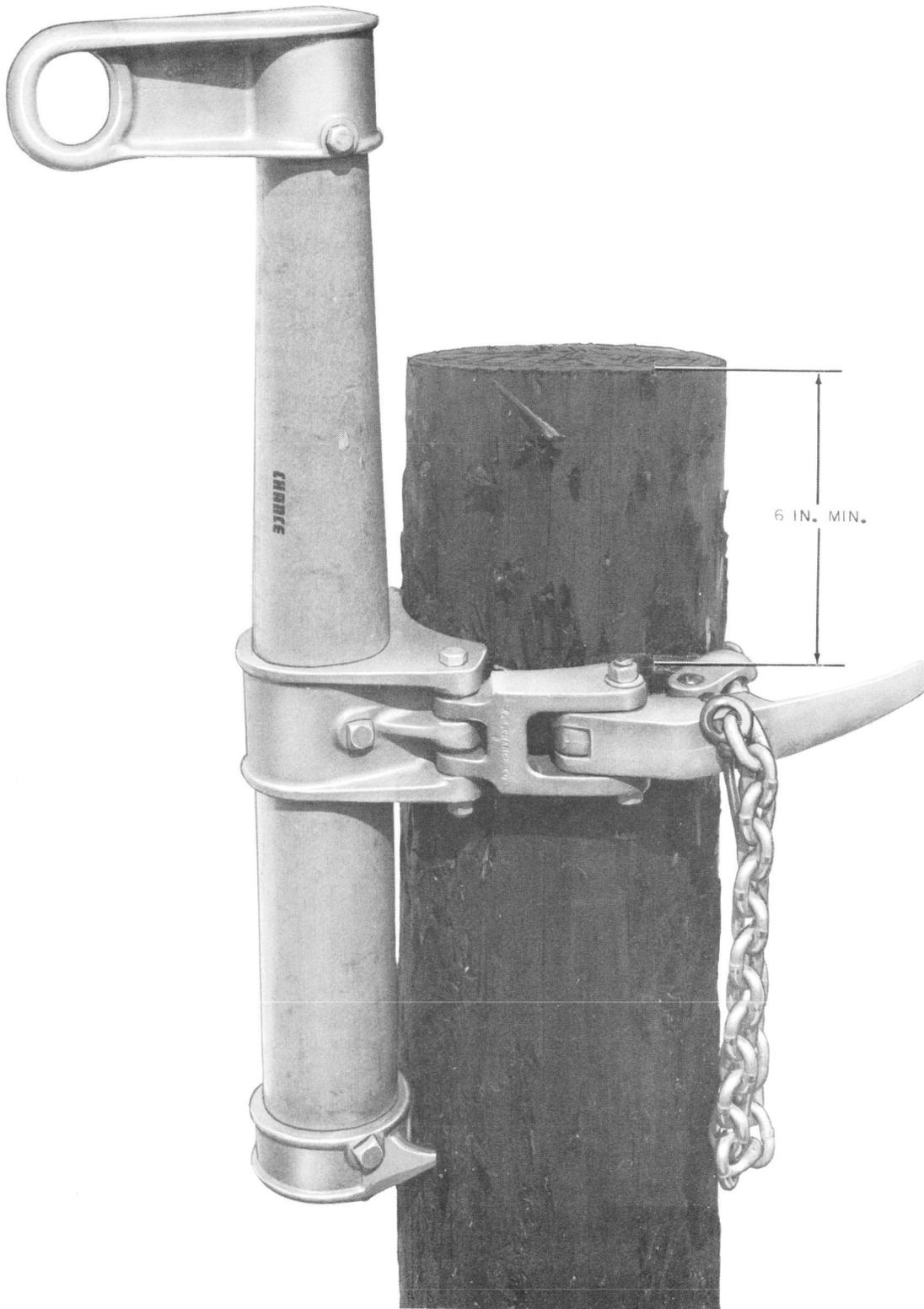


Fig. 4—Pole Top Gin Placed on Pole

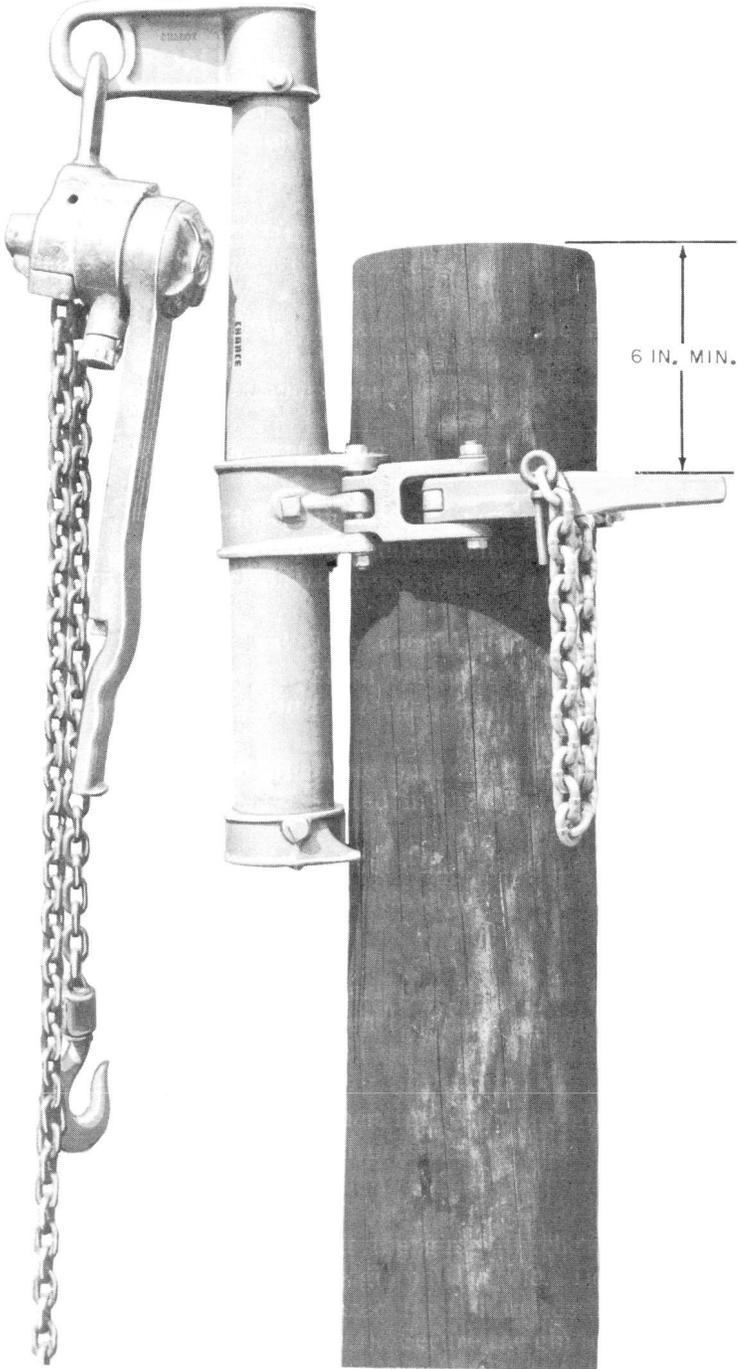


Fig. 5—Chain Hoist Placed in Eye of Gin

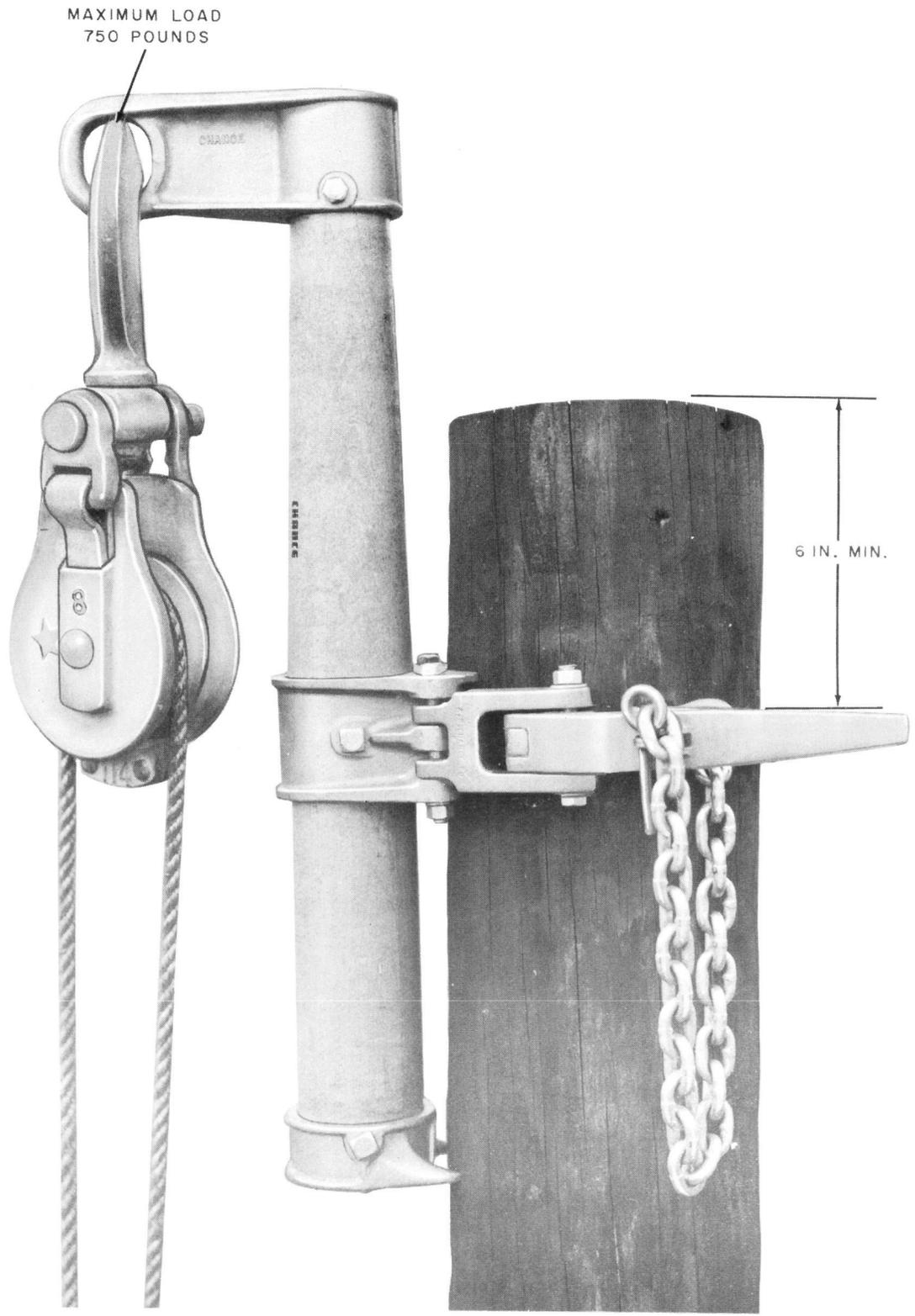


Fig. 6—Wire Rope Snatch Block Placed in Eye of Gin