

849A SEALING WASHER CUTTER

DESCRIPTION, USE, AND MAINTENANCE

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1. GENERAL

1.01 This section covers the description, use, and maintenance of the 849A Sealing Washer Cutter for cutting any of the G, H, J, or K series washers with an inner diameter from 1 inch up to 3.4 inches from a K0 Sealing Washer. Where cables of *less* than 1 inch in diameter are used, the F0 and G0 polyethylene grooved sealing washers are cut with a sheath knife for the correct diameter of cable being used.

1.02 When this section is reissued, the reason for reissue will be listed in this paragraph.

2. DESCRIPTION

2.01 The 849A Sealing Washer Cutter is shown in Fig. 1.

2.02 The cutter has two blades for cutting a sealing washer to the proper outer diameter and the inner diameter simultaneously.

2.03 Pointers, to align with a scale for the washer series (G, H, J, or K) on the left and cable diameter on the right (1 inch to 3.4 inches), are adjusted by loosening the locking screw on each pointer with an allen wrench to shift the cutting blades to the proper size.

2.04 The rate of cut is controlled by a 5/8-32 thread on the main shaft that is turned by the crank.

2.05 The sealing washer cutter is provided with the following mounting facilities:

- (1) A bracket for mounting in T-slots on manhole rack
- (2) A 1/2-inch shaft for mounting on 710 connector tooling (710A Tool Mounting or B Support Frame Assembly)
- (3) J Bolts for mounting on other structures (iron pipe, bench top, etc).

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement.

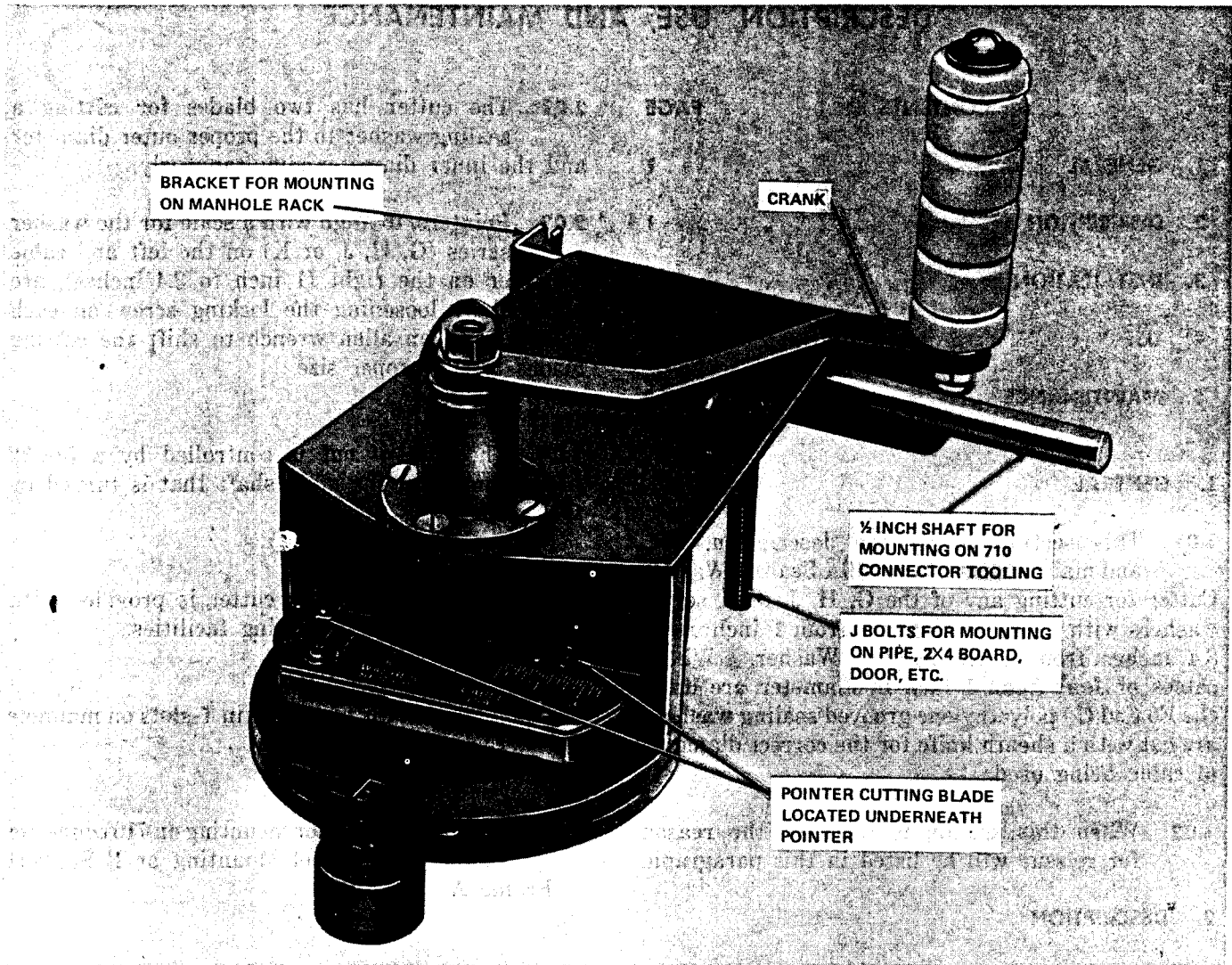


Fig. 1—849A Sealing Washer Cutter

3. INSTALLATION

- 3.01 Install the 849A Sealing Washer Cutter as shown in Fig. 2, 3, 4, or 5.

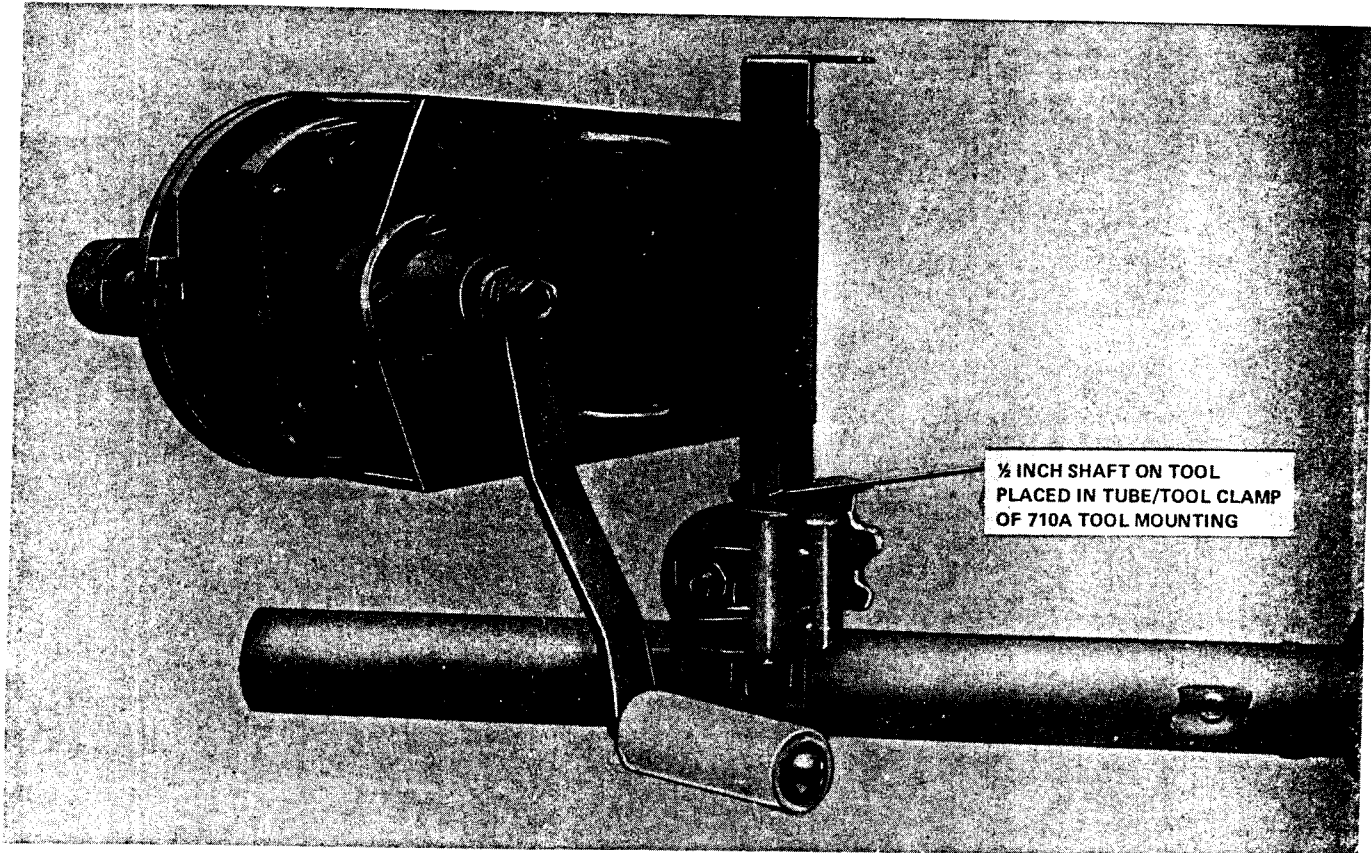


Fig. 2—849A Sealing Washer Cutter Mounted on 710A Tool Mounting

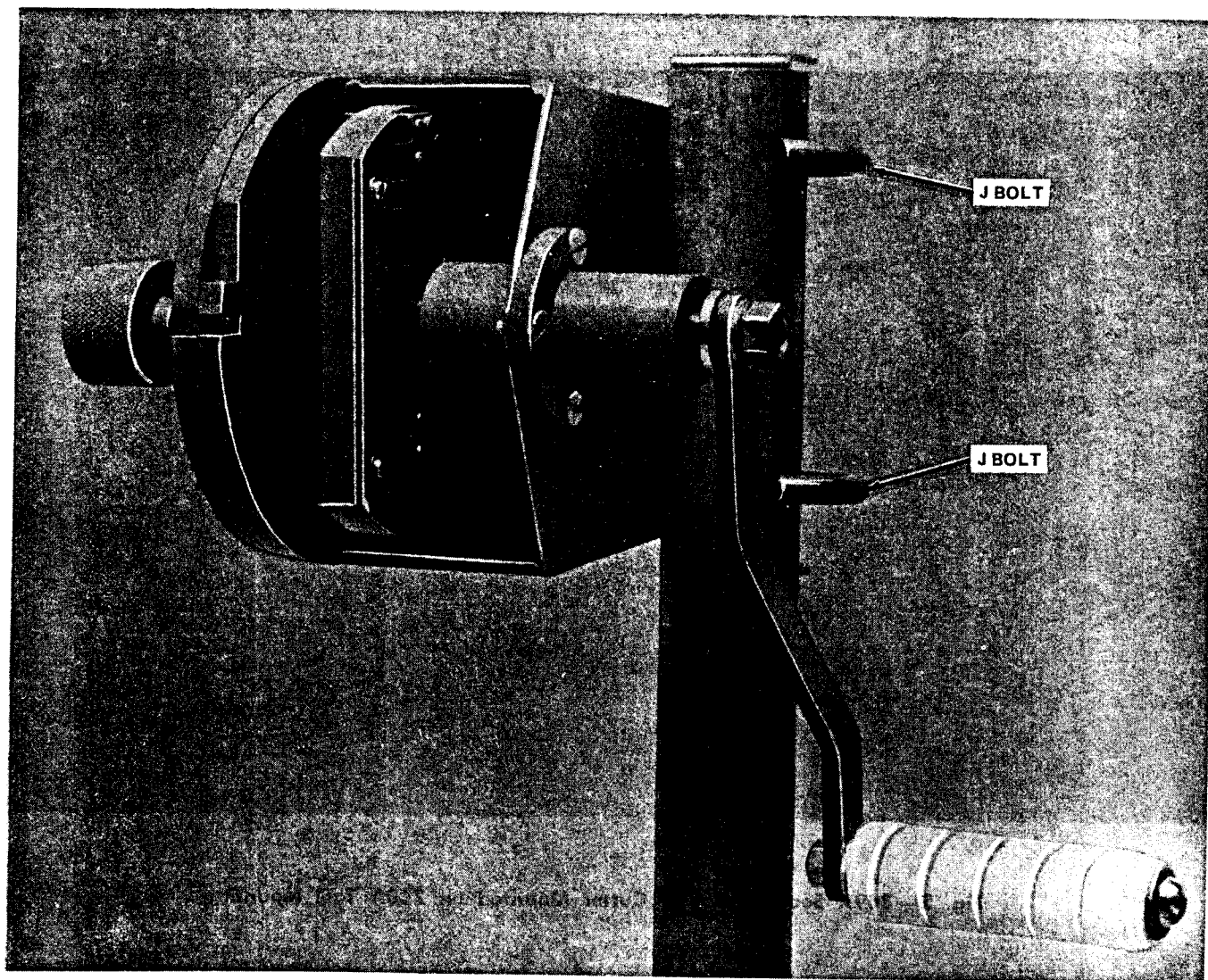


Fig. 3—849A Sealing Washer Cutter Mounted on Iron Pipe Using J-Bolts

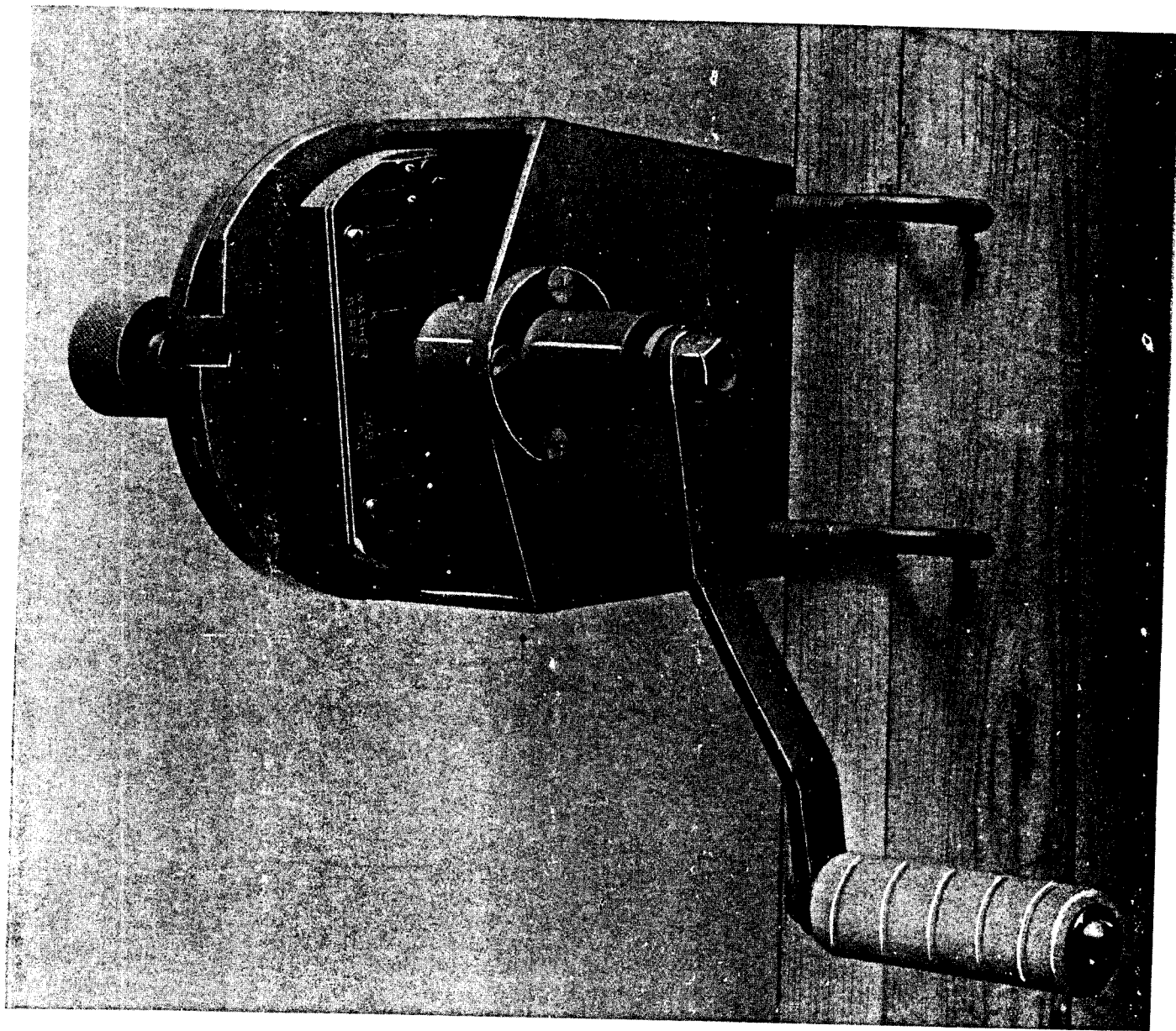


Fig. 4—849A Sealing Washer Cutter Mounted on 2 X 4 Using J-Bolts

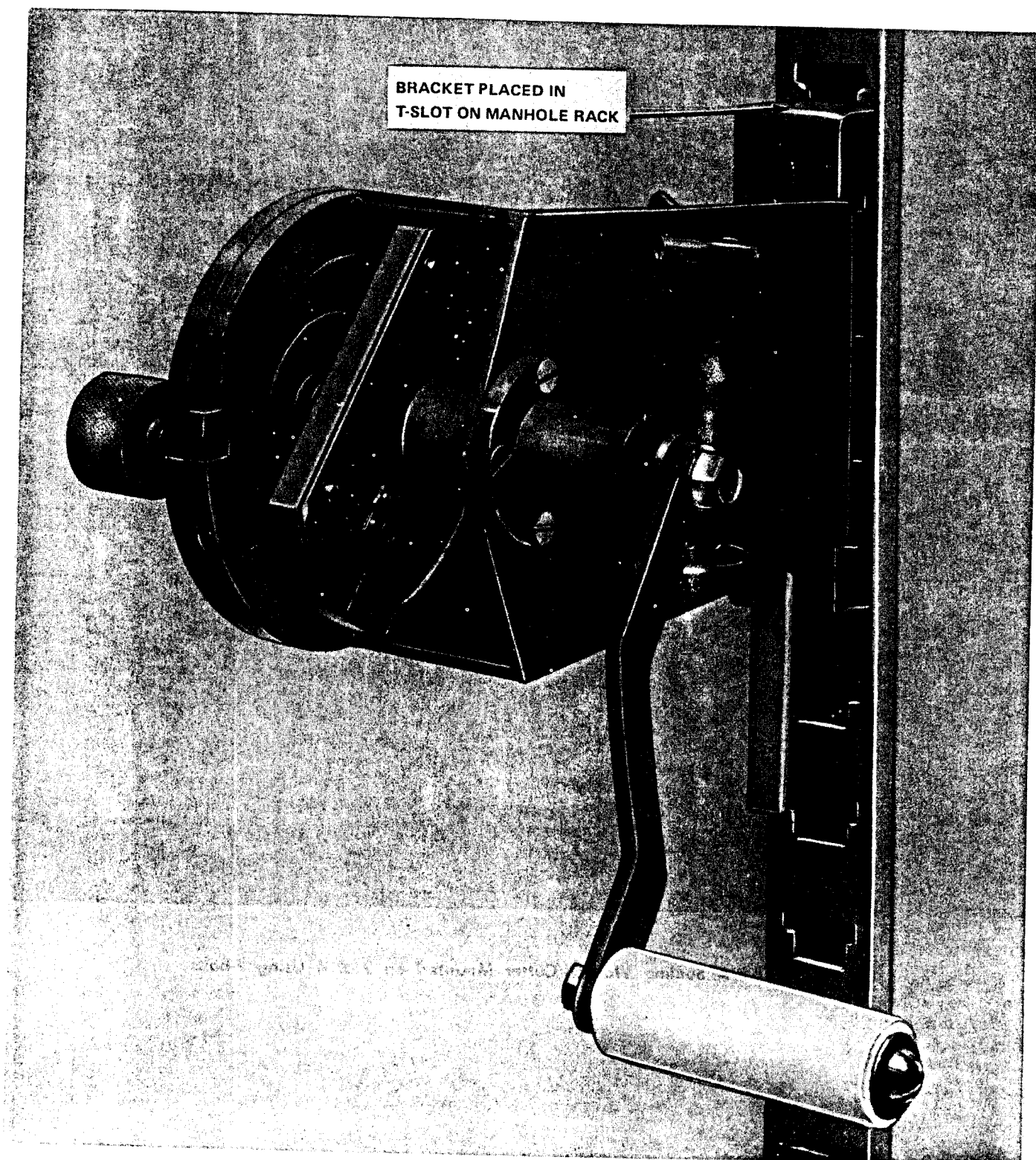
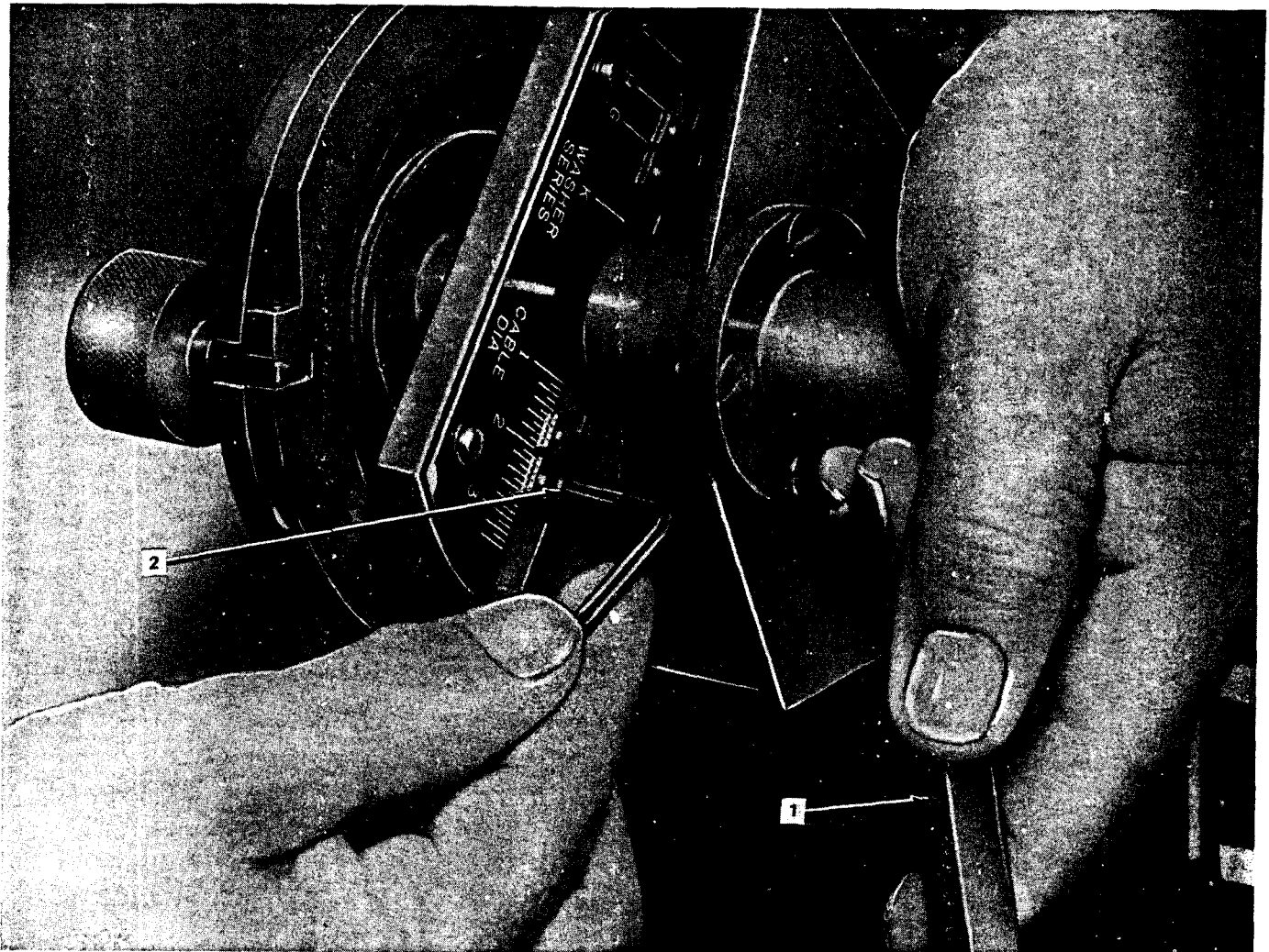


Fig. 5—849A Sealing Washer Cutter Mounted on Manhole Rack

4. USE

4.01 The use of the 849A Sealing Washer Cutter for cutting a blank K0 Sealing Washer is outlined in Steps 1 through 5.



Step 1—Adjusting Pointer

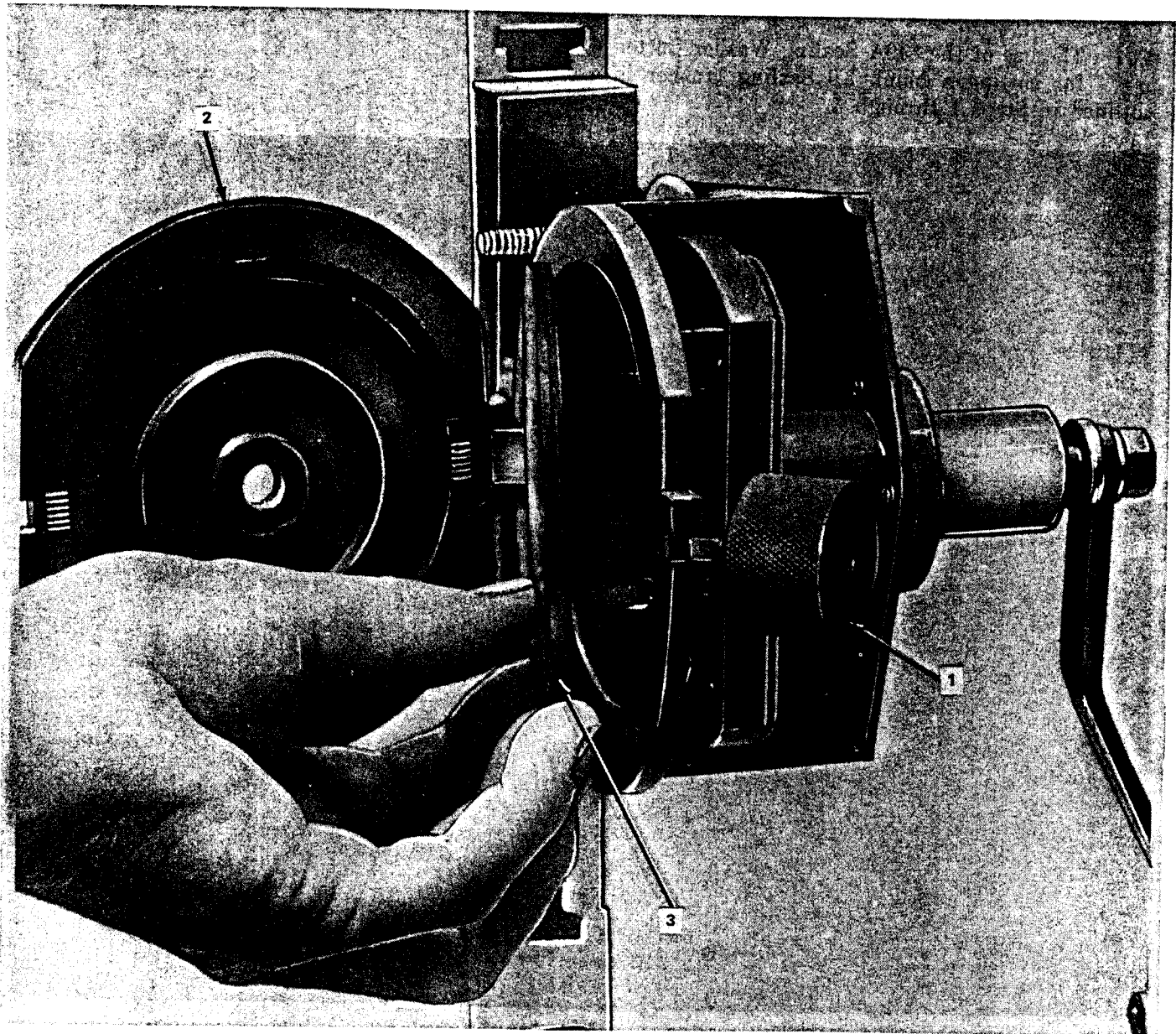
- 1—Turn out crank counterclockwise until it stops.
- 2—Using allen wrench furnished with cutter, loosen allen head screws and adjust pointers to cut series of washer and cable diameter required. Tighten screws.

Note: To cut G0, H0, or J0 washers from a K0 washer, set the washer series cutter and cable diameter cutter as follows:

To cut G0 washer, set washer series cutter to G and cable diameter cutter to 2.100.

To cut H0 washer, set washer series cutter to H and cable diameter cutter to 2.650.

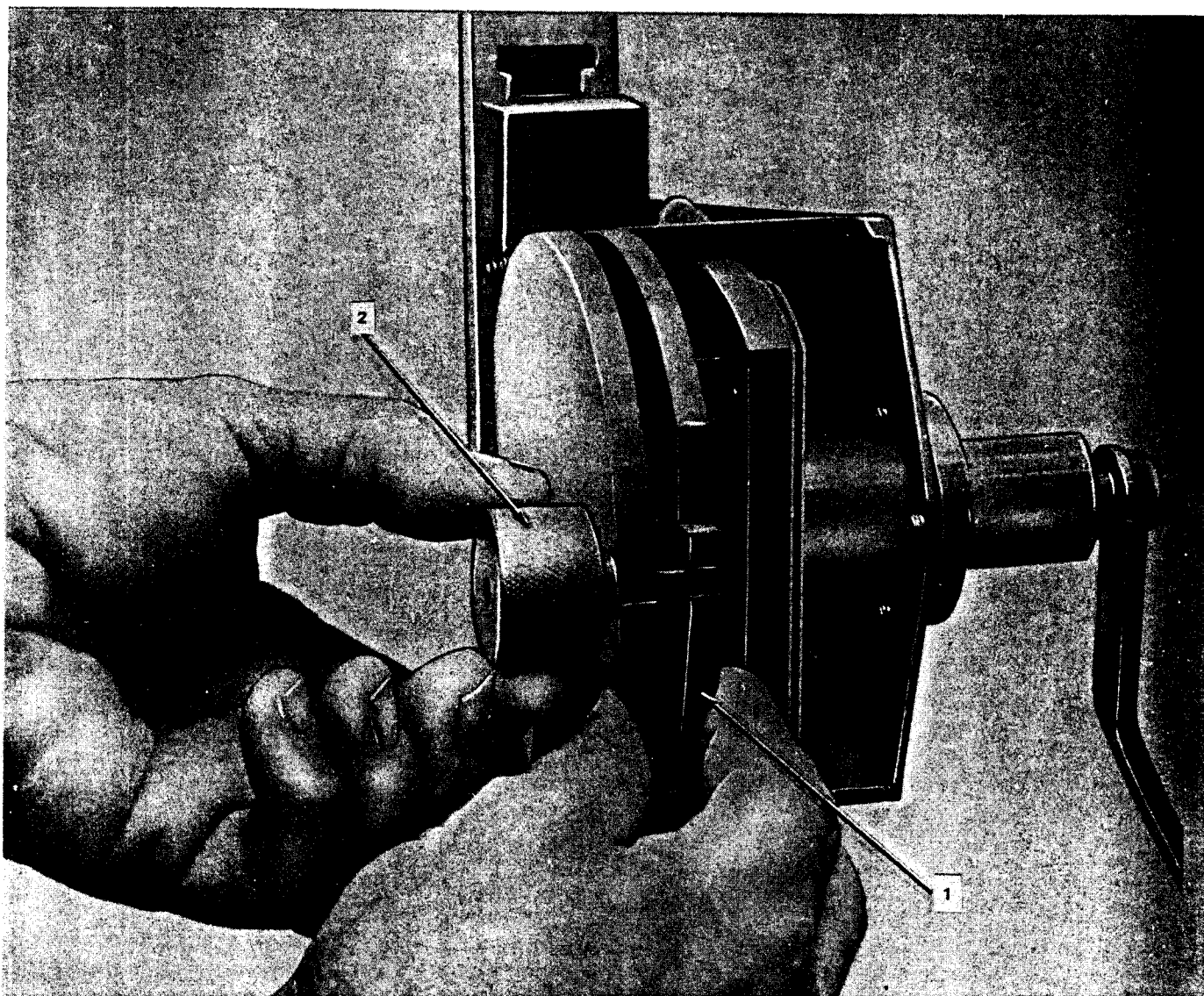
To cut J0 washer, set washer series cutter to J and cable diameter cutter to 3.400.



Step 2—Inserting Blank Washer

- 1—Loosen knurled knob and swing out of slot.
- 2—Open cover.
- 3—Insert blank washer in cutter.

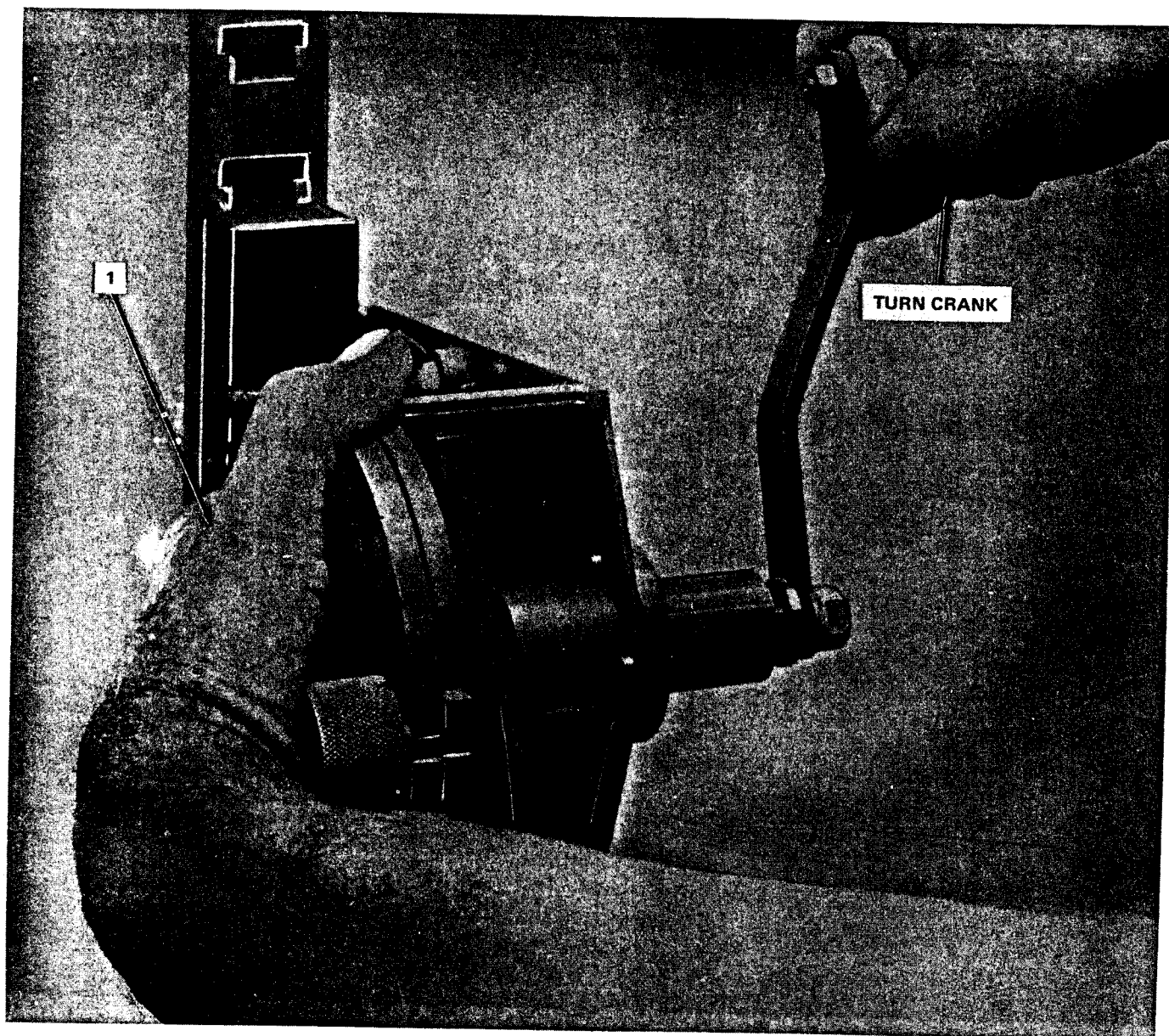
DANGER: Exercise extreme care when inserting blank washer in cutter as the cutting blades are very sharp.



Step 3—Secure Cover

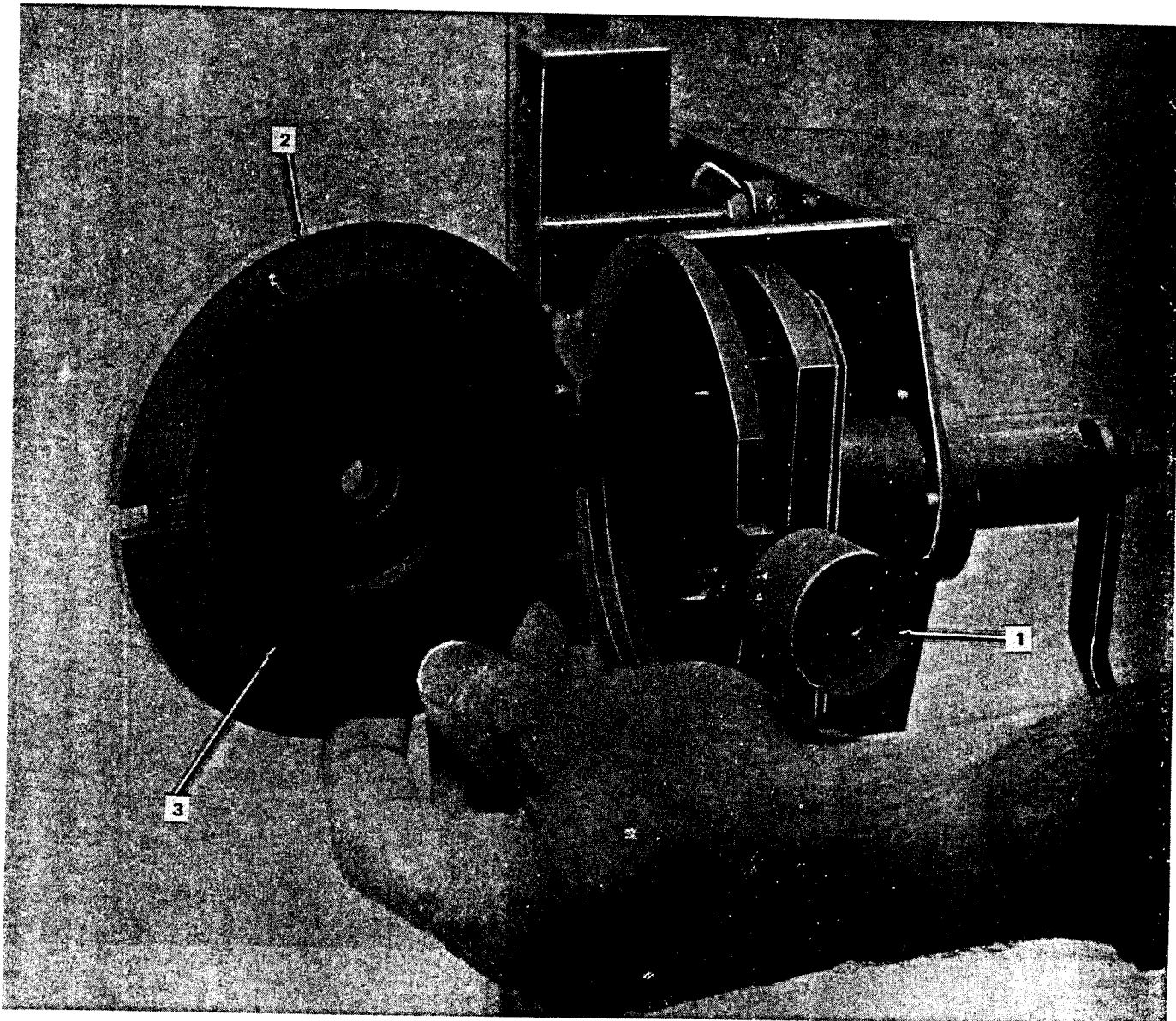
1—Close cover and press shut.

2—Position knurled knob in slot of cover and tighten to secure cover and K0 washer.



Step 4—Cutting Washer

- 1—While holding cutter steady with one hand, turn the crank clockwise with the other hand to cut washer. When the stop touches bottom the washer will be cut; then turn handle counterclockwise to stop.

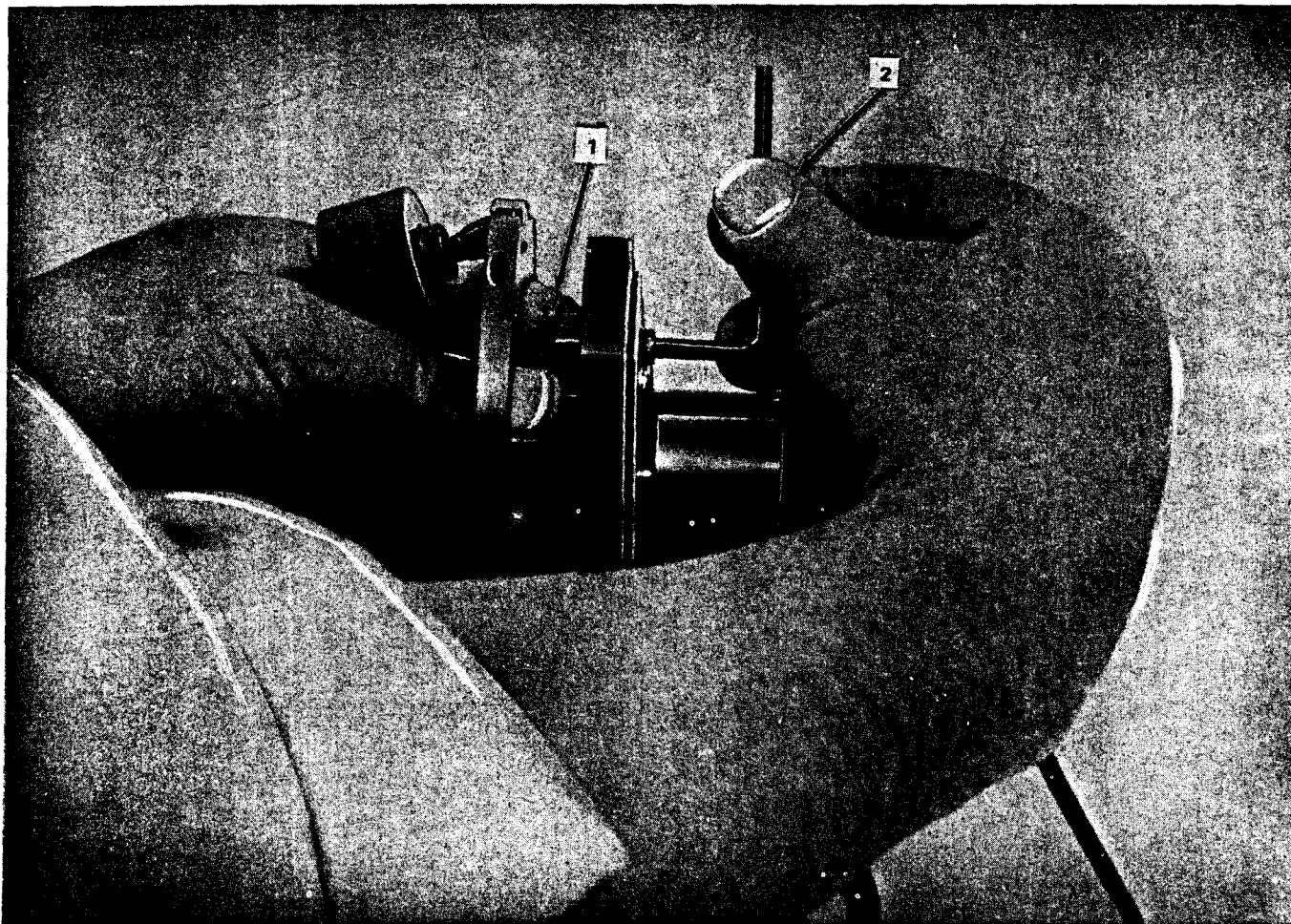


Step 5—Removing Washer

- 1—Loosen knurled knob and swing out of slot.
- 2—Open cover.
- 3—Remove cut washer and discard leftover parts. Never leave cut or uncut washer in washer cutter.

5. MAINTENANCE

5.01 No periodic maintenance is required; however, the cutter blade will have to be replaced periodically as outlined in Steps 6, 7, and 8.

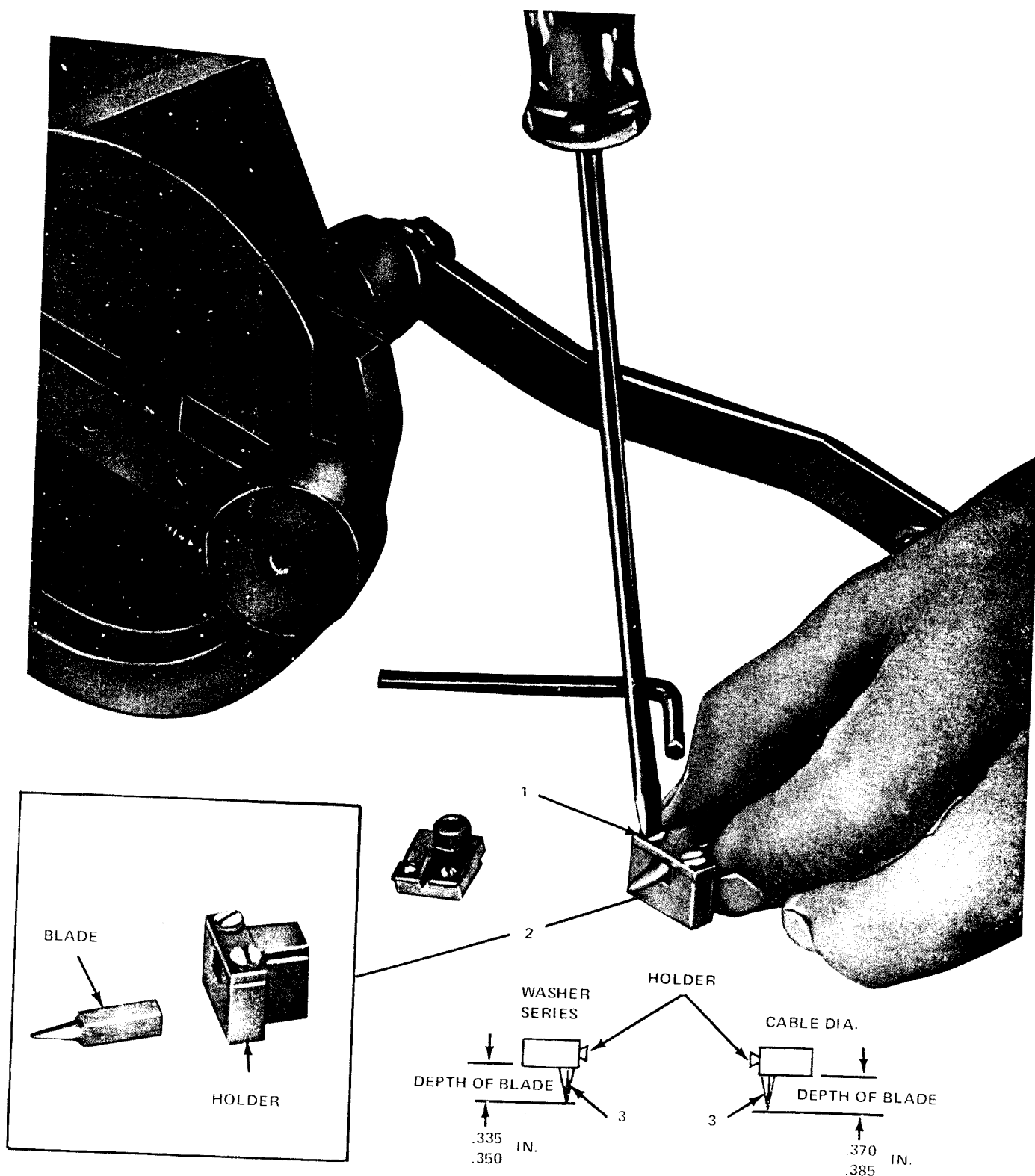


Step 6—Removing Cutting Tool Assembly

1—Open cover as outlined in Step 2 and grasp cutting tool assembly.

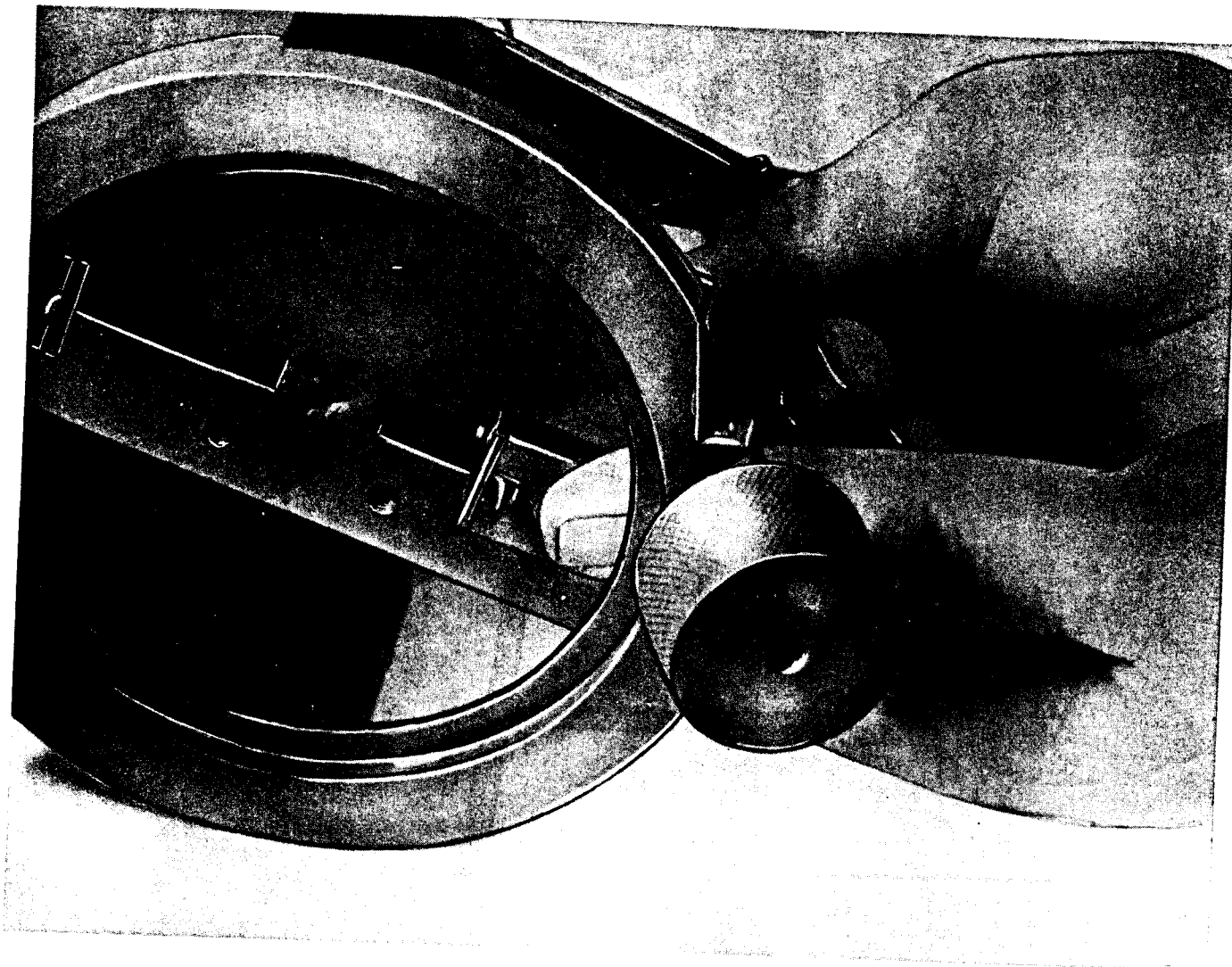
DANGER: Exercise extreme care when handling cutting tool as the blade is very sharp.

2—Loosen allen head screw and remove cutting tool assembly.



Step 7—Replacing Blade

- 1—Loosen two flat head screws on holder and remove blade.
- 2—Obtain new blade from spare parts kit D180874 and place in holder.
- 3—Set depth of blade as shown and tighten two flat head screws.



Step 8—Replacing Cutting Tool Assembly

- 1—Replace holder in its original position and while holding steady replace pointer on holder and secure using new No. 10-32UNF-2A \times 1/4 long screw from kit of parts D180874
- 2—Close and secure cover as outlined in Step 3.