



DIVISION, ATLAS PRESS CO.
KALAMAZOO, MICHIGAN

No. 8635
POWER FEED DRIVE

for
CLAUSING VERTICAL MILL

APRIL 1961

FILE No. 8635-1

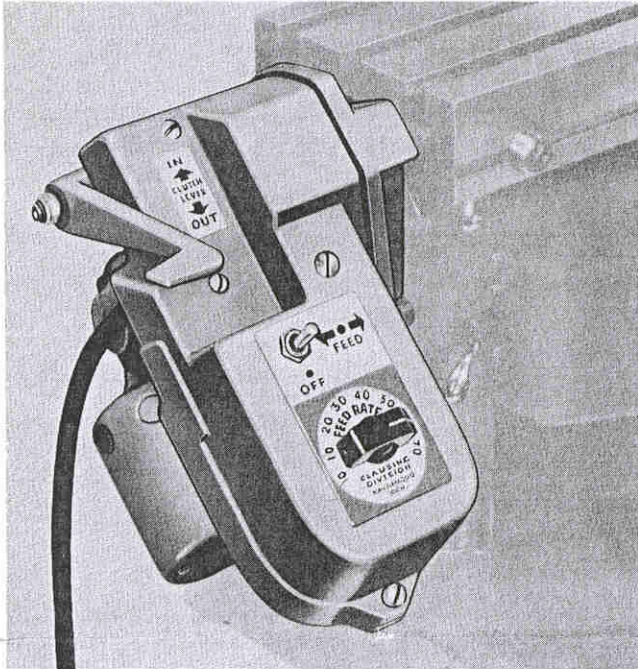


Figure 1

MOUNTING POWER FEED ATTACHMENT

1. Remove lock nut and ball crank from table feed screw.
2. Place slip clutch drive assembly on shaft.
3. Replace and tighten lock nut.
4. Mount power feed assembly by sliding it over housing (make sure that clutch gear engages motor gear).
5. Clamp mounting plate on housing by tightening hex cap screw.
6. Make sure the power unit is below the level of table — refer to figure 1.

NOTE: Occasionally grease slip clutch gear by removing power feed attachment.

CLUTCH ADJUSTMENT

1. Remove power feed attachment.
2. Loosen set screw in clutch collar.
3. Hold gear and turn collar clockwise to increase tension.
4. Retighten set screw.
5. Replace power feed attachment.

ORDERING INFORMATION

IMPORTANT—The following information must be furnished on all repair part orders:

1—Quantity Required

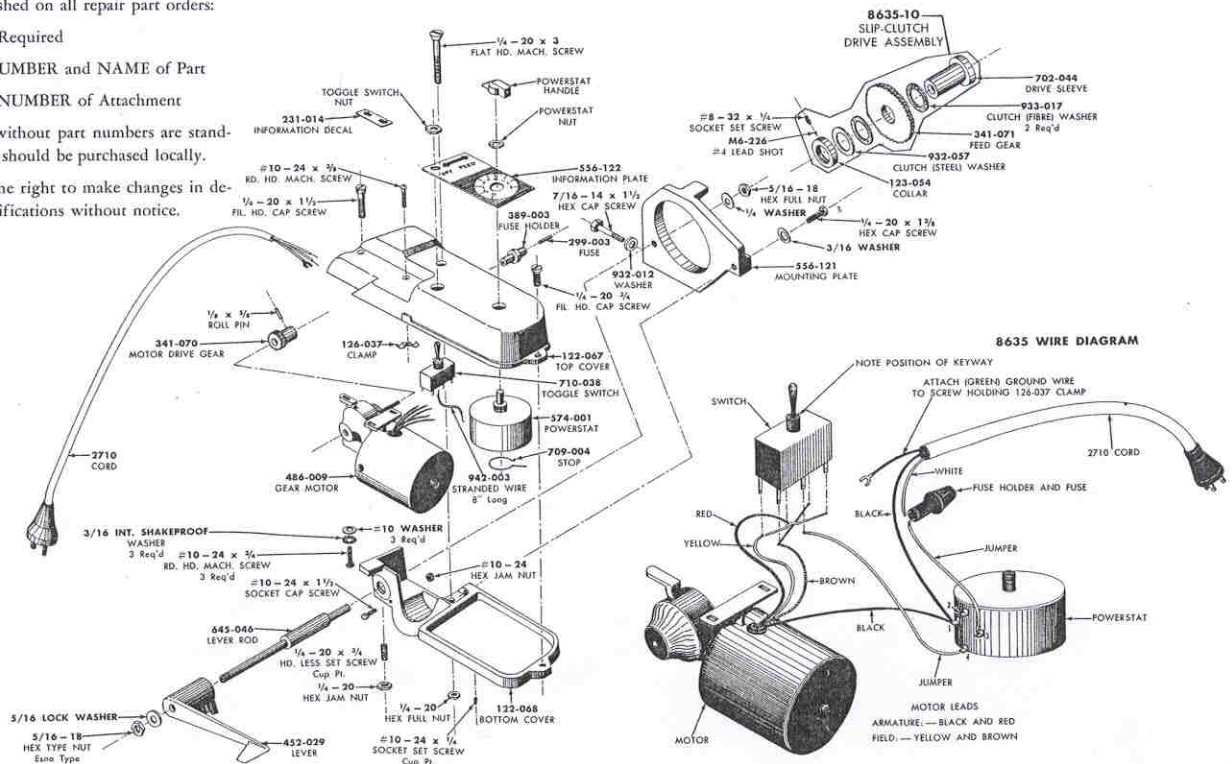
2—PART NUMBER and NAME of Part

3—MODEL NUMBER of Attachment

Parts shown without part numbers are standard parts and should be purchased locally.

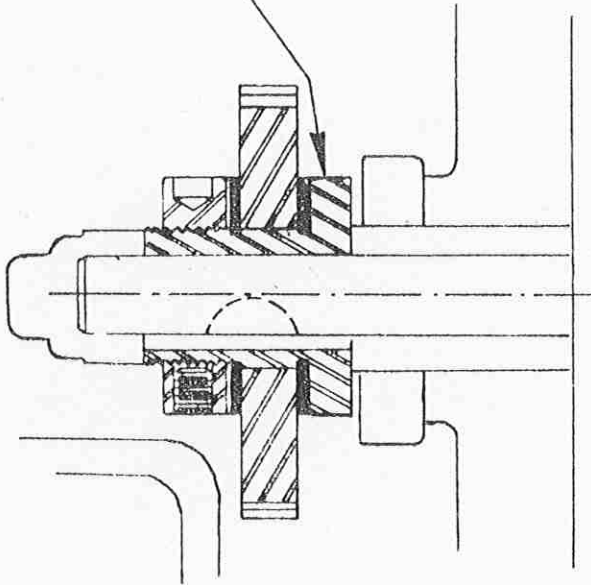
We reserve the right to make changes in design and specifications without notice.

NO 8635 POWER FEED DRIVE PARTS



IMPORTANT:

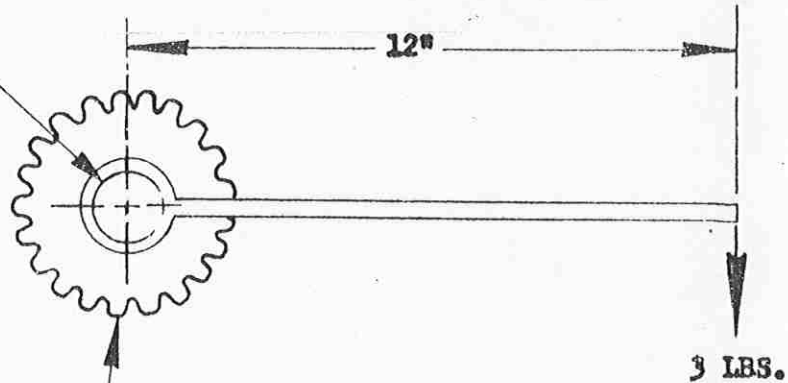
NOTE: HUB MUST GO NEXT TO GRADUATED COLLAR ASSEMBLY.



NOTE: SLIP-CLUTCH DRIVE ASSEMBLY HAS BEEN PRE-SET AT THE FACTORY TO SLIP UNDER OVER-LOAD IN CASE IT BECOMES NECESSARY TO RESET CLUTCH SET FOR FOLLOWING LOAD:

GEAR SHOULD SLIP ON SHAFT WHEN A LOAD OF 3 LBS. IS EXERTED AT A DISTANCE OF 12 INCHES FROM THE SHAFT. (SEE SKETCH BELOW)

INSERT KEYED-SHAFT INTO SLEEVE WITH 12" LEVER.
(OR USE TORQUE WRENCH)



HOLD GEAR IN VISE (PROTECT WITH CLOTH OR WOOD BLOCKS TO PREVENT SCRATCHING GEAR)