to the corresponding speed on the spindle speed chart by unscrewing and removing the pilot wheel hand levers(A) Fig. 2,and loosening the set screws located directly under the hand levers.The hub of the pilot wheel assembly can then be rotated until the pointer points to the corresponding speed on the spindle speed chart (B) Fig. 2. Then tighten the set screws and replace the pilot wheel hand levers (A) Fig. 2.

12. Turn the drill press on and rotate the pilot wheel counterclockwise until the pointer is pointing to the lowest rpm mark on the speed dial and turn off the drill press. Adjust the stop screw (F) Fig. 8, against the roller cam follower on the pilot wheel cam assembly. To adjust stop screw (F) Fig. 8, first loosen locknut (C) Fig. 2.

13. For a more accurate check, use a tachometer to check the spindle speeds.

LUBRICATION

The pulleys should be lubricated weekly in the oil holes located at (K and L) Fig. 8. Oil the holes when the drill press is turned off. Then turn on the drill press and run the machine from low speed to high speed a few times.

The ball bearings in the quill and spindle pulley are grease-sealed for life. The quill is oiled through oiler (H) Fig. 6, which is on the left side of the drill press head. The head has a groove on the inside to allow the oil from the oiler (H) to flow down and oil the pinion shaft and rack.

The spindle return clock spring should be oiled three or four times a year. This is lubricated through the oil holes provided in the clock spring housing (D) Fig. 6.

COMPENSATION FOR BELT AND PULLEY WEAR

After a long period of time pulley and belt wear and stretching of the belt may cause a slight change in the speed of the drill press. To compensate for this change in speed, use a tachometer and move the motor toward or away from the spindle pulley until the correct speed is obtained.

Beco 49-415 - 7D