

## II. GUIDANCE FOR OPERATION

### 1. TEST RUNNING OF THE MACHINE

- (1) Remove face plate and manually oil all the moving parts, take-up lever, needle bar, etc.
- (2) Supply 2 or 3 drops of oil to the groove of the rotary hook.
- (3) Run the machine at 3,000 r.p.m. intermittently for about 5 minutes and during this test – run, check oil for free flow. This can be checked through the oil gauge window.
- (4) It is recommended for the first several days the machine be operated at around 3,500 r.p.m., then gradually increase the speed of operation up to maximum speed.

### 2. THREADING THE MACHINE

Turn handwheel toward you until take-up lever reaches its highest point and then thread the needle as illustrated in Fig. 8.

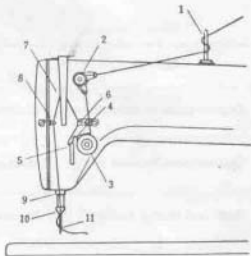


Fig. 8

### 3. BOBBIN AND BOBBIN CASE

To prevent excessive spin of bobbins, the use of aluminum bobbins and of a "NO-BACKLASH" bobbin case is recommended.

### 4. ADJUSTMENT OF THREAD TENSION

- (1) Turn the serrated nut of the tension device to the right for increase of tension and to the left for decrease.
- (2) Adjustment of the stroke of check spring can be done by rotation of the whole tension device after loosening screw A. The tension of the check spring can be adjusted by turning the tension stud by putting a screw driver into the slot of the tension stud. Check spring must start its action when the hook point reaches its lowest position, with the upper thread loose.

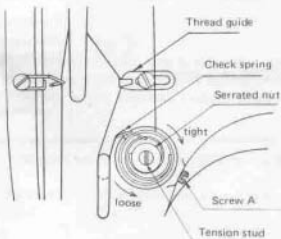


Fig. 9