

6-6 Adjusting the shield

○ Carry out the adjustment of the shield after you have checked the feed timing.

Adjustment procedure

1. Loosen the setscrew of the shield collar. (Fig. 1)
2. Turn the hand wheel to bring the needle bar to its lowest dead point.
3. At this time, adjust so that the position of the marking hole in the shield becomes 16.7 degrees. Then, tighten the shield collar setscrew. (Fig. 2)

(Caution) After tightening the setscrew, check to make sure that the shield does not come in contact with the sensor.

If the former comes in contact with the latter, loosen the sensor setscrew and adjust the lateral position of the sensor.

Fig.1 Install the shield while eliminating the lateral backlash by pressing it in the direction of the arrow.

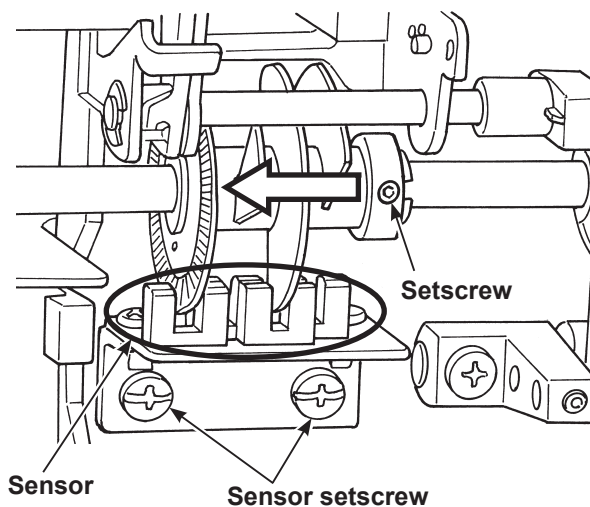
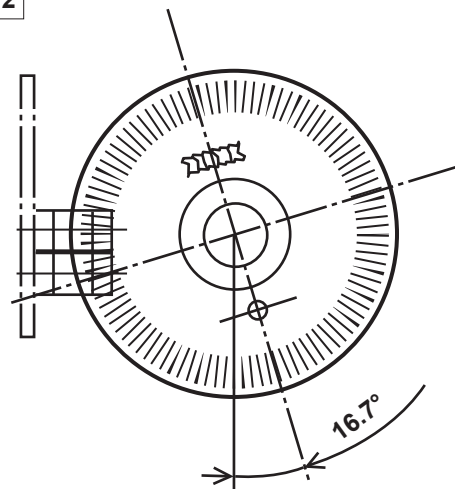
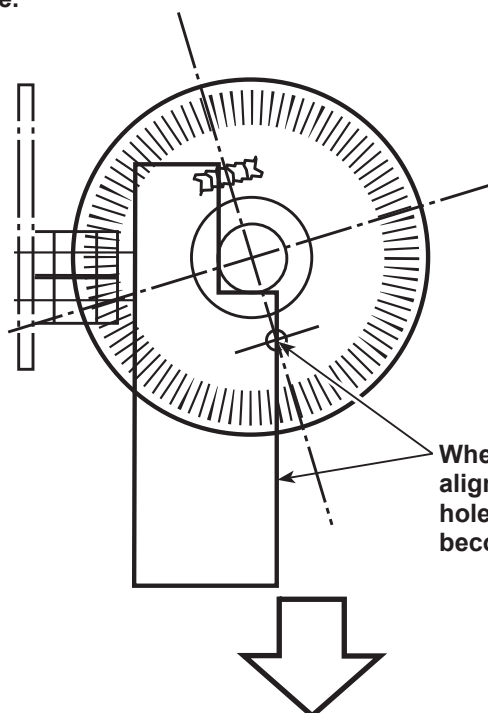
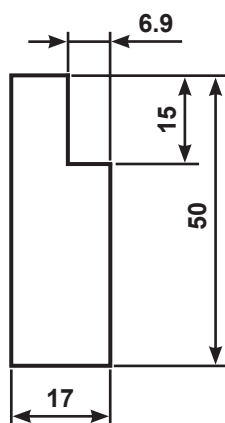


Fig.2



For reference Make the pattern shape, as shown below, with a cardboard or the like. Use it as the adjustment gauge.



When the end face of the gauge is aligned with the center of the marking hole, the marking hole position becomes 16.7 degrees.

Just beneath the sewing machine