

3. Gear to shaft clearance (Fig. 5-10)

Check the gear bore with an inside micrometer or a cylinder gauge and check the shaft with a micrometer. Make sure that the measured values are within the tolerance indicated below.

Item	Standard value in. (mm)	Serviceable limit in. (mm)
C ₁ , C ₂ , C ₃ , M ₄ M ₅ gear	0.0016~0.0032 (0.04~0.082)	Replace if over 0.0072 (0.182)

4. Gear shift fork

Check the fingers on the gear shift fork using a micrometer and if worn beyond **0.240 in. (6.1 mm)**, or if the shift fork dog is worn to less than **0.260 in. (6.6 mm)** diameter, the shift fork should be replaced. (Fig. 5-11).

5. Gear shift fork inside diameter

Check the inside diameter of the gear shift fork with a inside micrometer and if it is greater than **0.5134 in. (13.04 mm)** it should be replaced. Gear shift fork shaft is checked

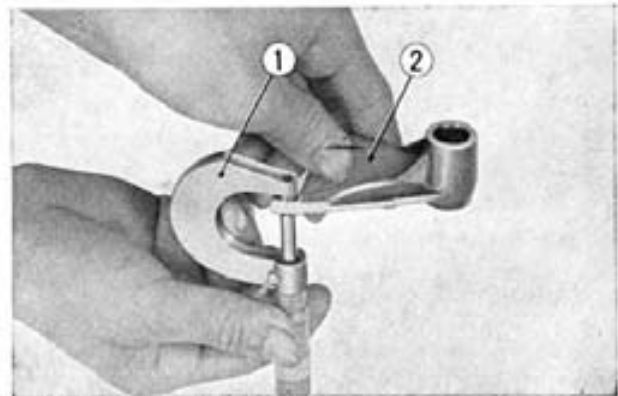


Fig. 5-11 ① Micrometer
 ② Gear shift fork