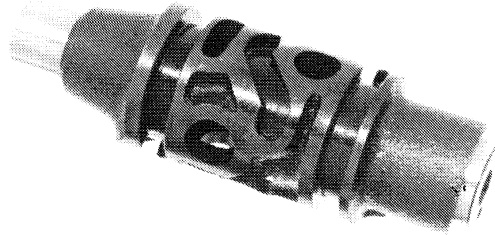


CRANKCASE/TRANSMISSION/CRANKSHAFT

Inspect the shift drum right journal for scoring, scratches, or evidence of insufficient lubrication.

Check the shift drum grooves for wear or damage.



Check the gear dogs, dog holes and teeth for excessive or abnormal wear, or evidence of insufficient lubrication.

Measure the I.D. of each gear.

SERVICE LIMIT:

M5: 25.07 mm (0.987 in)

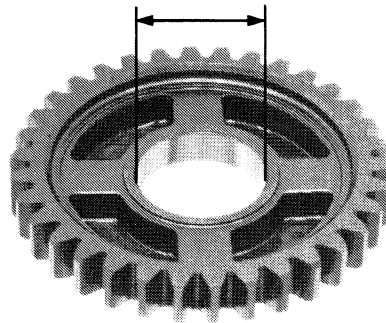
M6: 24.07 mm (0.948 in)

C1: 23.07 mm (0.908 in)

C2: 27.07 mm (1.066 in)

C3: 28.07 mm (1.105 in)

C4: 28.07 mm (1.105 in)



Measure the I.D. and O.D. of each gear bushing.

SERVICE LIMIT:

M5 O.D.: 24.93 mm (0.981 in)

M5 I.D.: 22.05 mm (0.868 in)

M6 O.D.: 23.93 mm (0.942 in)

C1 O.D.: 22.93 mm (0.903 in)

C1 I.D.: 20.05 mm (0.789 in)

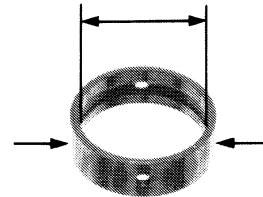
C2 O.D.: 26.93 mm (1.060 in)

C2 I.D.: 24.05 mm (0.947 in)

C3 O.D.: 27.93 mm (1.100 in)

C4 O.D.: 27.93 mm (1.100 in)

C4 I.D.: 25.05 mm (0.986 in)



Calculate gear-to-bushing clearance.

SERVICE LIMIT:

M5: 0.10 mm (0.004 in)

M6: 0.10 mm (0.004 in)

C1: 0.10 mm (0.004 in)

C2: 0.10 mm (0.004 in)

C3: 0.10 mm (0.004 in)

C4: 0.10 mm (0.004 in)