

Figure 4.1.4

4.1.3 Remove Large End Hub (Fig. 4.1.4)

This procedure describes how to remove the large end hub with the gearbox assembled to it. For removal of the gearbox from the large end hub, see section 4.1.7.

Remove 11 of the 12 long screws [A], loosen the last one, and leave it in place until the end hub is ready to be removed.

The end hub can now be removed: Use the two jacking screws [B] to press off the bowl.

Be careful not to damage the needle bearing [3].

Remove the last long screw [A] left in place and pull out carefully the end hub.

Refit the two jacking screws [B] so that they are placed within the contact face of the end hub.

4.1.4 Install Large End Hub (Fig. 4.1.4)

This procedure describes how to install the large end hub with the gearbox assembled to it. For assembling the gearbox to the large end hub, see section 4.1.8.

Grease the outside of the O-rings [5] and [100]. Fill up with grease the needle bearing outer race [3] and distribute the grease with the fingers.

Place the large end hub on the bowl, being careful not to damage the needle bearing [3].

Fit the 12 screws [A] and tighten them to a torque of 24 Nm (212 in-lbs).

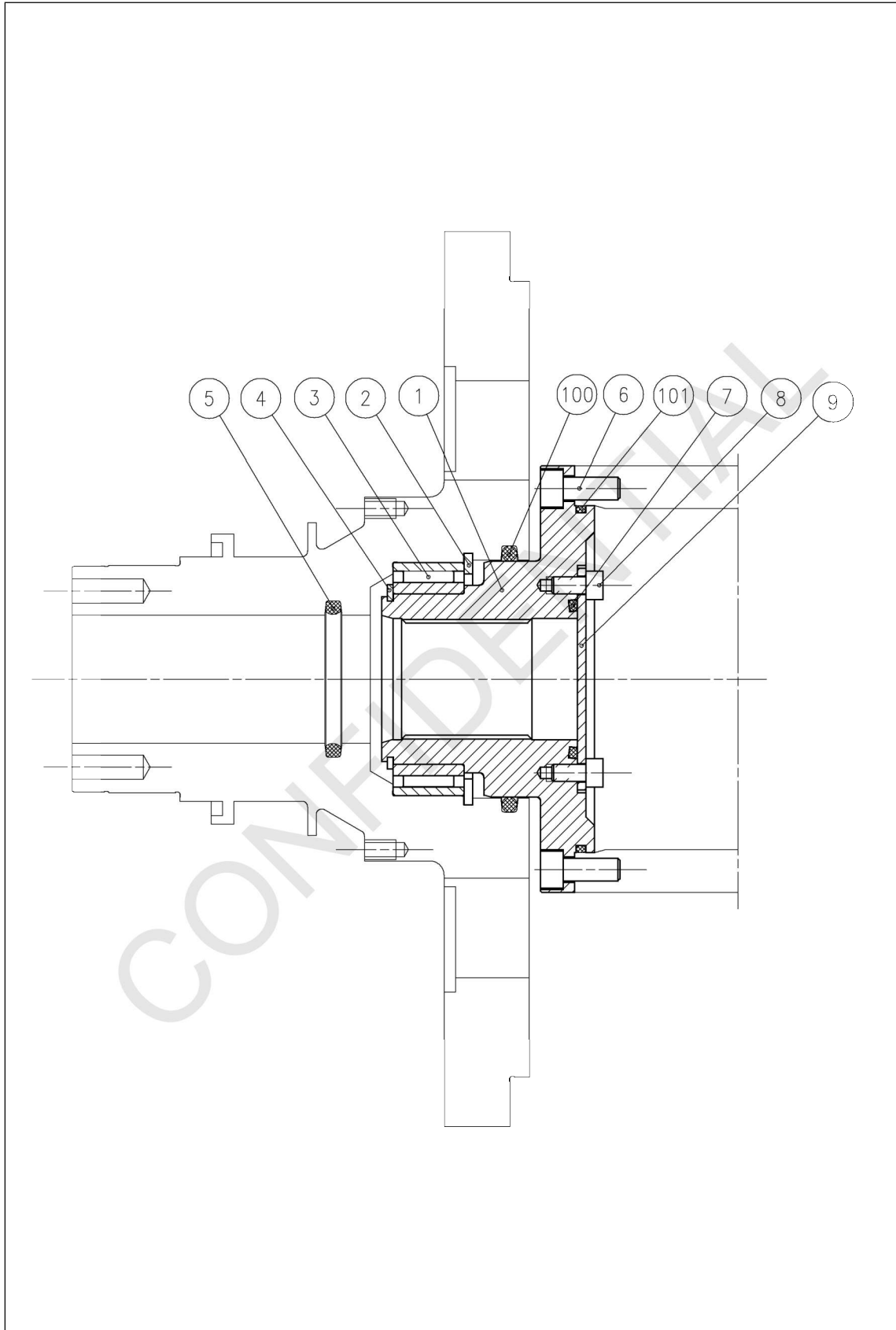


Figure 4.3.1

4.3 Conveyor Bearings (Fig. 4.3.1)

4.3.1 Disassemble Conveyor Bearing Large End

Remove the large end hub according to instructions given in section 4.1.3.

Remove the lock ring [4].

Remove the needle bearing inner race [3] by means of a standard two-armed puller tool as shown in Figure 4.3.2.

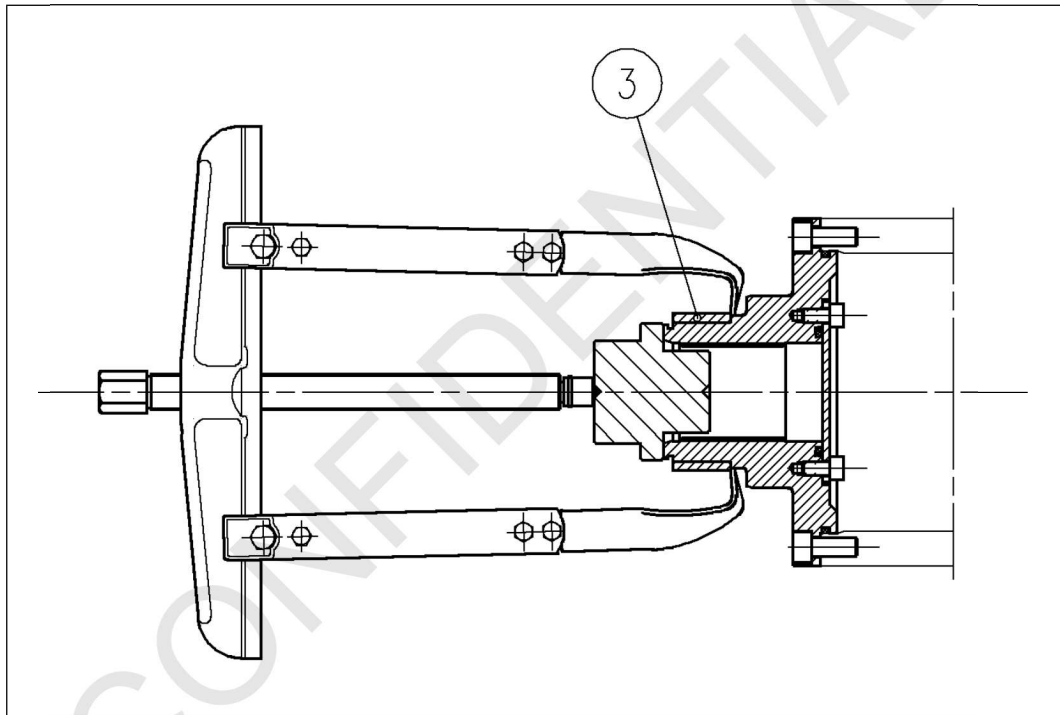


Figure 4.3.2