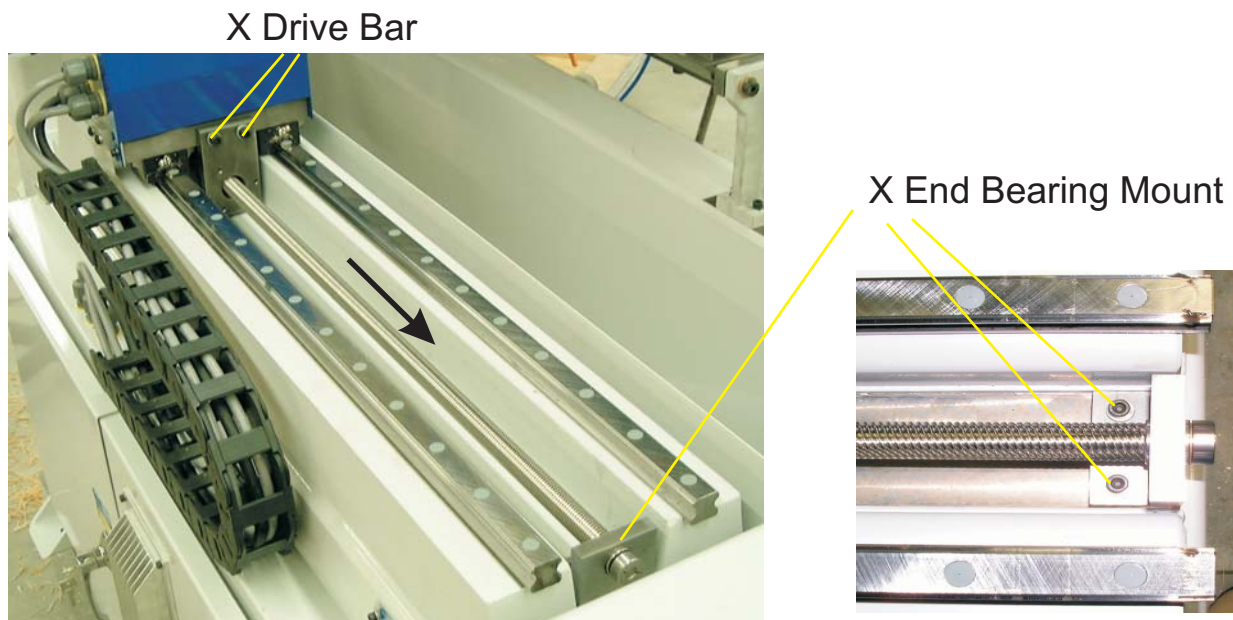


Removal and Replacement of X Drive Nut

It is best to remove the nut from the bearing end of the screw not the motor end.

Removal

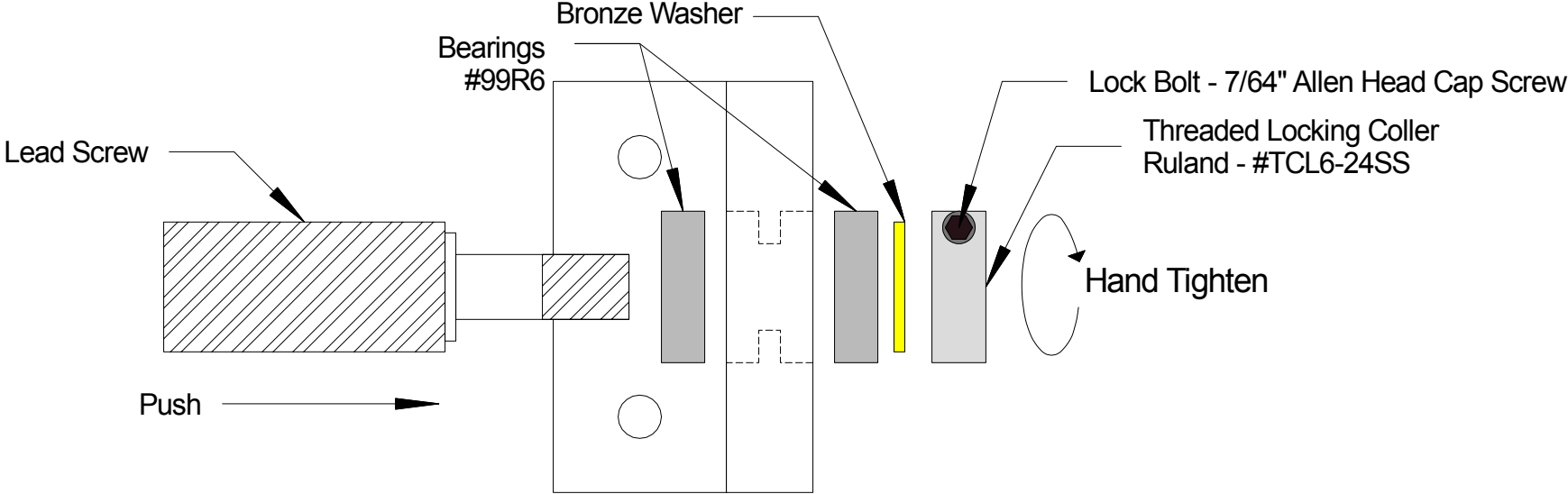
- 1- Move the carriage as close a possible to the bearing end.
- 2 - Unbolt X Drive bar and X End Bearing mount.
- 3 - Remove the X End Bearing Mount from Screw (See End Bearing Assembly)
- 4 - Thread the nut off from the end of the screw.



Replacement

- 1 - Refer to the Kerk VHD Assembly Instruction before replacing the nut on the screw. Also, after the nut is on the screw, adjust nut's spring as described in the VHD Assembly Instructions.
- 2 - Replace the X End Bearing Mount (See End Bearing Assembly). Leave the bolts that hold the bearing mount to the frame loose.
- 3 - After bolting the X Drive Bar onto the carriage, move the carriage as close to the motor end as possible. Loosen and re-tighten the X Drive Bar Bolts.
- 4 - Move the carriage to the bearing end and tighten X Bearing Mount bolts.

Lead Screw End Bearing Assembly



While applying enough pressure to take up any slack, tighten the treaded locking collar (Hand tighten only!). Then tighten threaded collar set screw.