Installing block bearing onto equipment

Step 1: Mount block bearing onto machine. Slide locking sleeve into bearing bore. Locking sleeve may be placed against either side of the bearing since the entire block is bearing-grade material (see Fig 15-1). Leave a .005 gap (paper thickness) between the stainless flange of the locking sleeve and the side of the bearing. Apply threadlocker when tightening the setscrews or bolts to insure that the locking sleeve will remain SECURELY in place.

Fig 15-1

Step 2: After the bearings are mounted, and before drives and belts (or other devices) are installed, make sure that the shaft freewheels inside the bearings. If not, the bearing must be shimmed to better align with the shaft. Block bearings have the disadvantage of not being able to adjust internally like a self-aligning bearing, so must be adjusted externally. Attach drive mechanisms and belts only after shaft freewheeling is confirmed.

Step 3: Run equipment. EDT block bearings will run warmer than ball bearings but should never run so warm that you cannot hold your hand on the bearing. If it runs warmer than your hand can tolerate, and Step 2 in the assembly has been accomplished, call the factory and we will help you with troubleshooting. Also, a Troubleshooting Guide is on page U-27 of this manual.

For Special Application Conditions..... See pages U-20 thru U-23