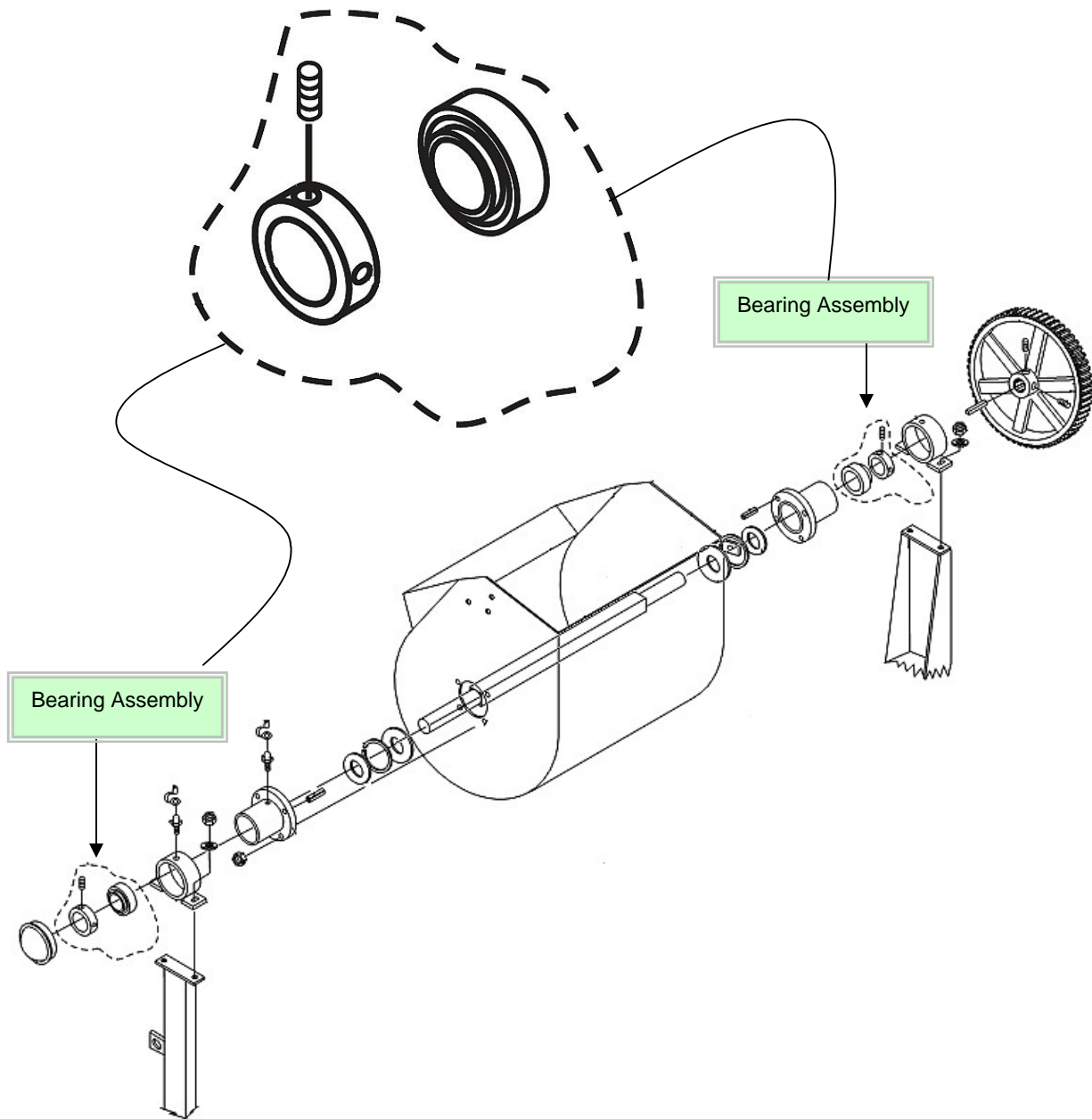


Paddle Shaft Bearing with Eccentric Locking Collar Installation

This bulletin is intended to provide the proper installation procedure for paddle shaft bearing with eccentric locking collar.

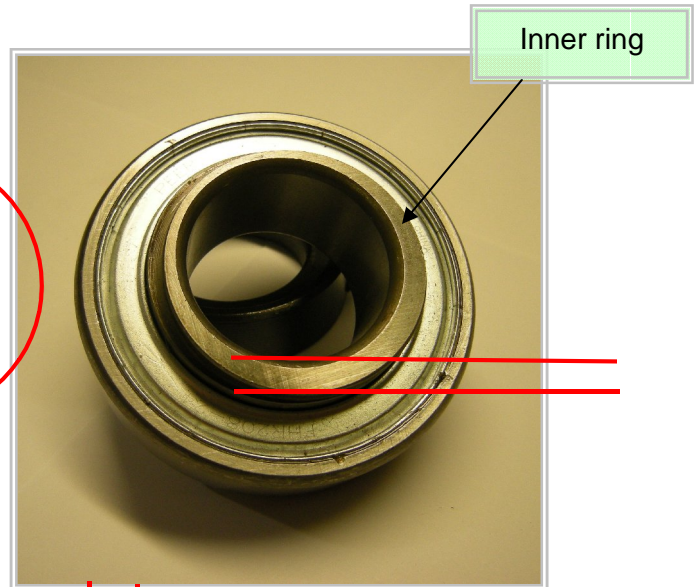
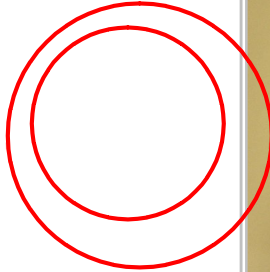
The bearing assembly consists of three parts, a bearing which inserts into the drum bearing bracket and onto the mixer paddle shaft, a collar that locks the bearing into place and one set screw.



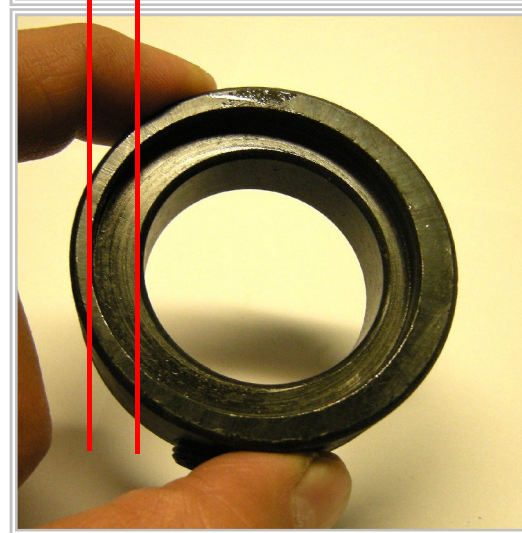
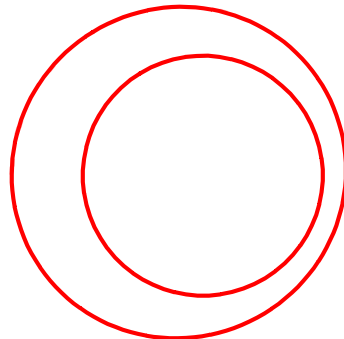
(see next page)

Closer Look at the Individual Parts

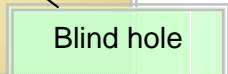
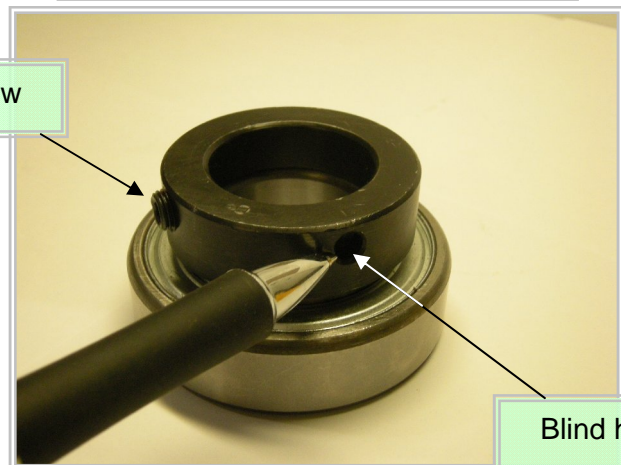
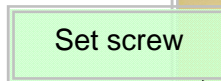
Notice the thickness on the bearing inner ring, one side is larger.



Notice one side of the cut-out on the collar is larger.

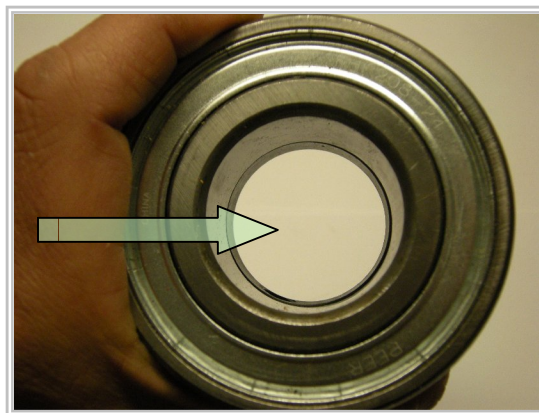


The collar uses only one set screw. The other hole is not threaded and is used for positioning (locking) the collar. This is recognized as the "blind hole".

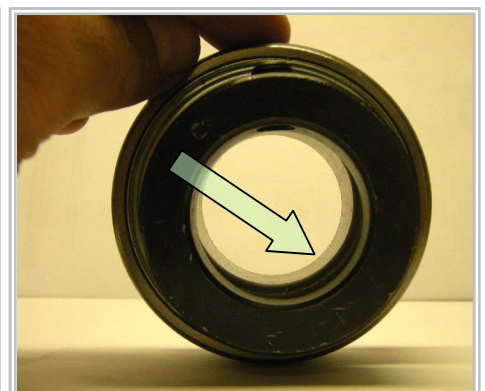
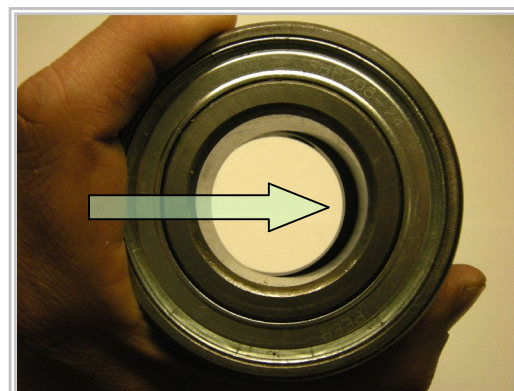
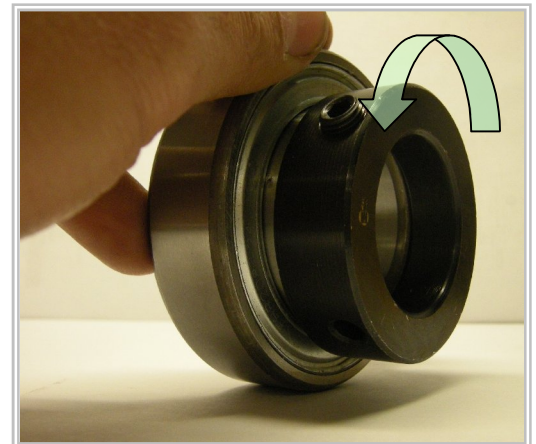


Collar Locking Procedure

Place the collar onto the bearing inner ring. Notice the center hole is even all the way through which simulates the bearing mounted onto the mixer paddle shaft.



Hold the bearing in place and turn the collar in one direction. This will cause the collar to lock onto the mixer paddle shaft. Notice the center hole looks off center this is how the collar locks in place.



Locking Collar Installation

Below is an example of the locking collar installation. Installation example is not a mixer paddle shaft.

1. Slide the collar over the shaft onto the bearing inner ring. Engage locking collar by rotating collar **IN DIRECTION OF SHAFT ROTATION** so the eccentricity of the collar mates with the eccentricity of the inner ring.
2. Insert a drift punch into the blind hole of the locking collar. Punch must be positioned so striking it rotates the collar **IN DIRECTION OF SHAFT ROTATION**. (Illustration shown for counter-clockwise shaft rotation).



3. **DO NOT** strike punch in such a manner as to exert force straight down onto bearing inner ring.



4. After collar has engaged, tighten set screw to ensure the collar does not move.

Photo shows collar installed on mixer paddle shaft.

