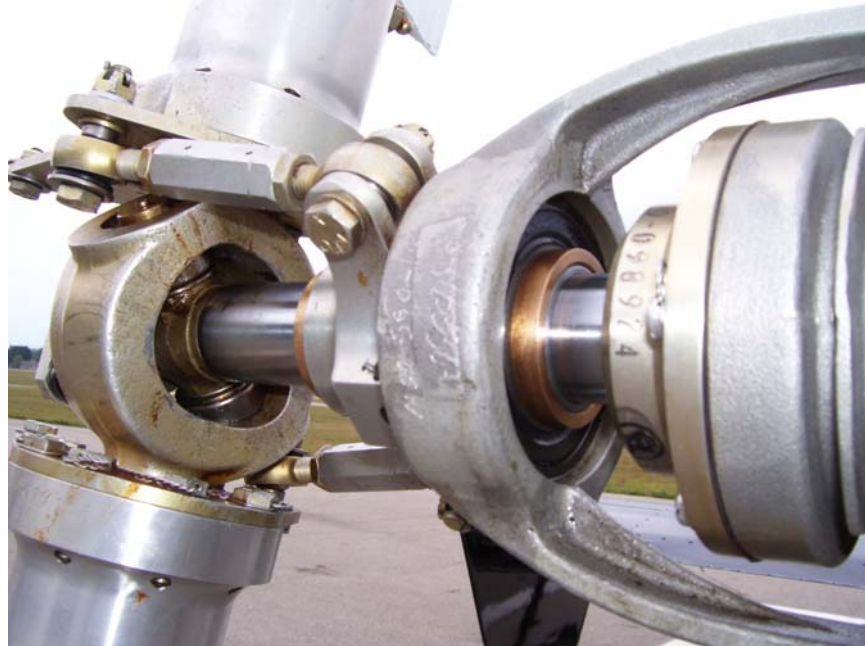


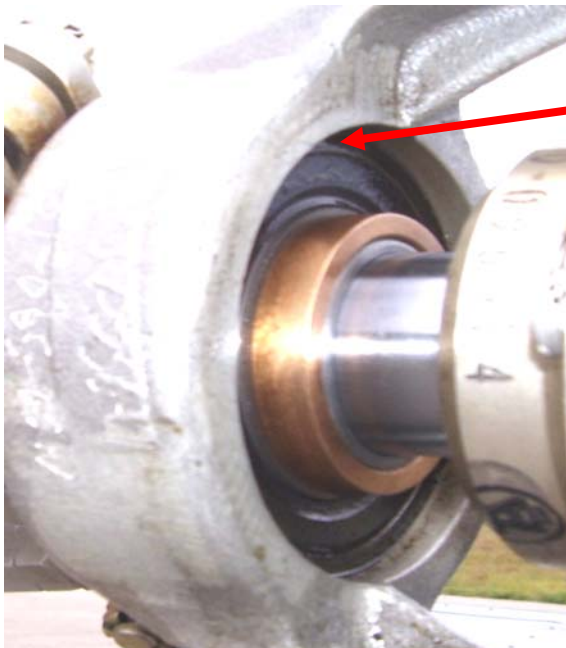


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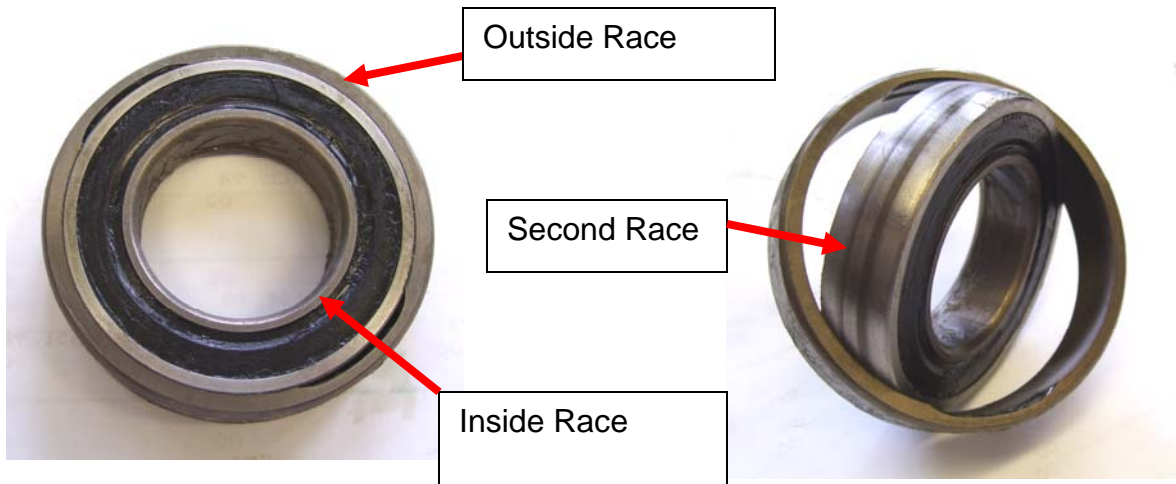
## Enstrom Tail Rotor Pitch Change Bearings

Occasionally Product Support receives phone calls from customers who have noticed that the outer bearing race in the tail rotor pitch change bearing appears to be rotating when the blades are turned.



Bearing race rotating here

This bearing (PN ECD016-11) (107KSZZ) is actually called a self-aligning bearing and incorporates a double outside race.



The purpose of the double race is to allow for some slight mis-alignment between the tail rotor pitch change controls and the tail rotor gearbox output shaft. It is not uncommon to see the second race turn inside the outside race when the blades are turned; this only indicates that there is no loading between the two races. It is actually not the outside race turning in the pitch control bearing housing.

When the helicopter is running, and the tail rotor assembly begins to feel some loads, the races will normally stop turning against each other.