Seal Shaft Section:

* Lox side Bearing ID = .472 in, interference = 0-2 um = .00007in holy shit we are not hitting that.
* Lox side height = .786 inches. SKF recommends .787 in for centerline of coolant nozzle, clearance = .002in
* Kerosene side

Seal insert:

* Outer diameter of the main body has to be sized for O-ring. For -23 O-ring = 1.185 inch
* Groove diameter = 1.087in
* Groove width = .101