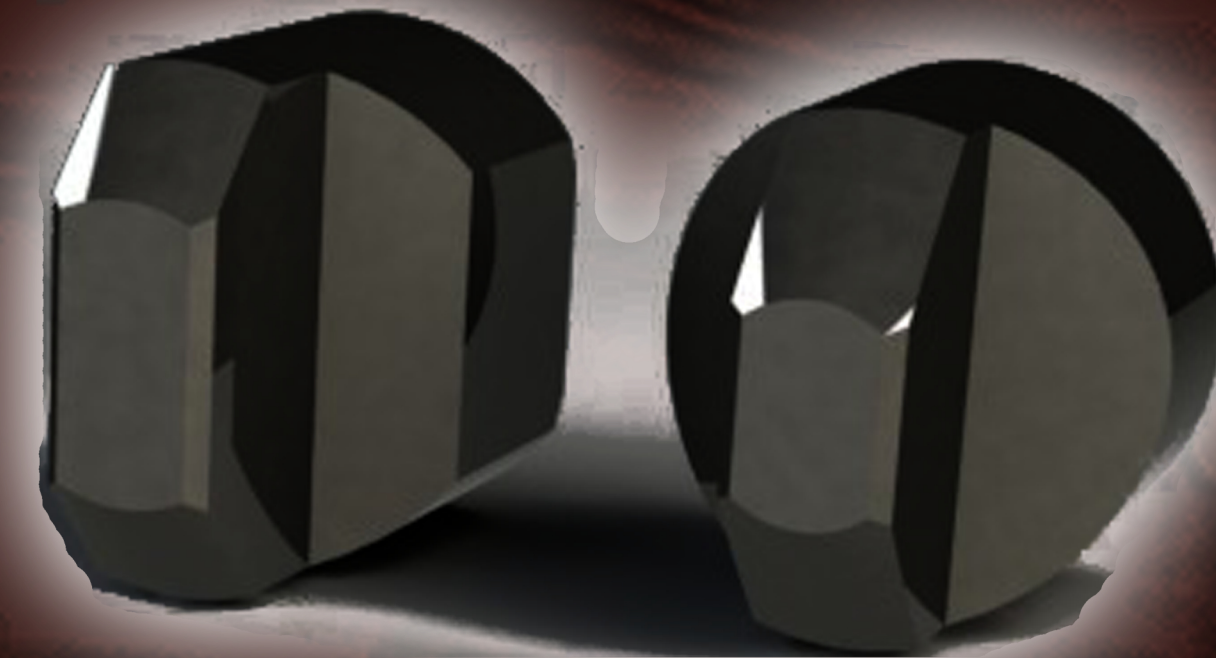


Redesigned Gear Engagement Key

- Anti-rotation base
- Revised key geometry
- Optimized computer-designed geometry
- Precision manufactured tolerances



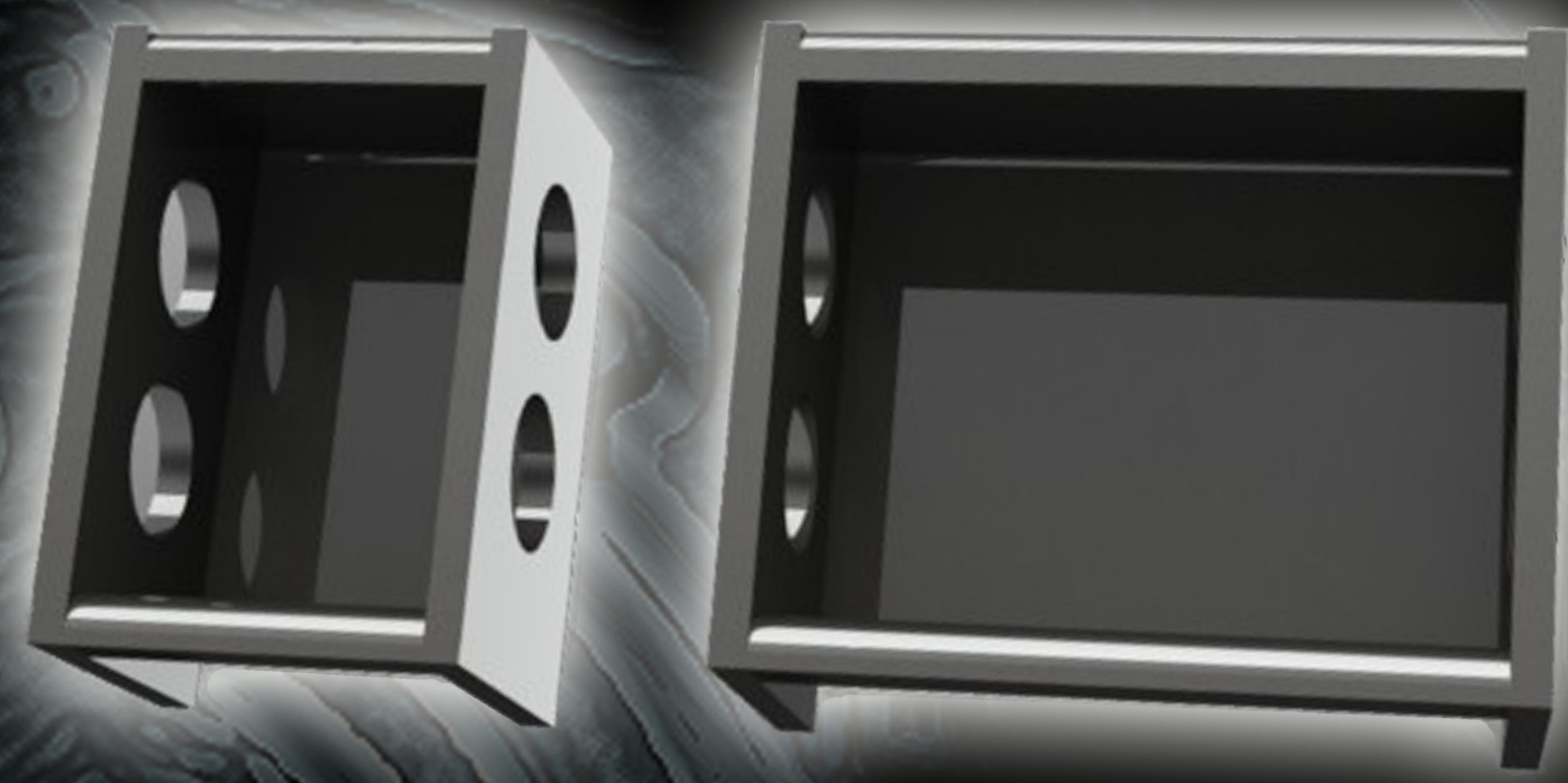
Improved Gasket and Lid

- Increased case lid bolt count
- Crush washer implemented
- Groove along case lip



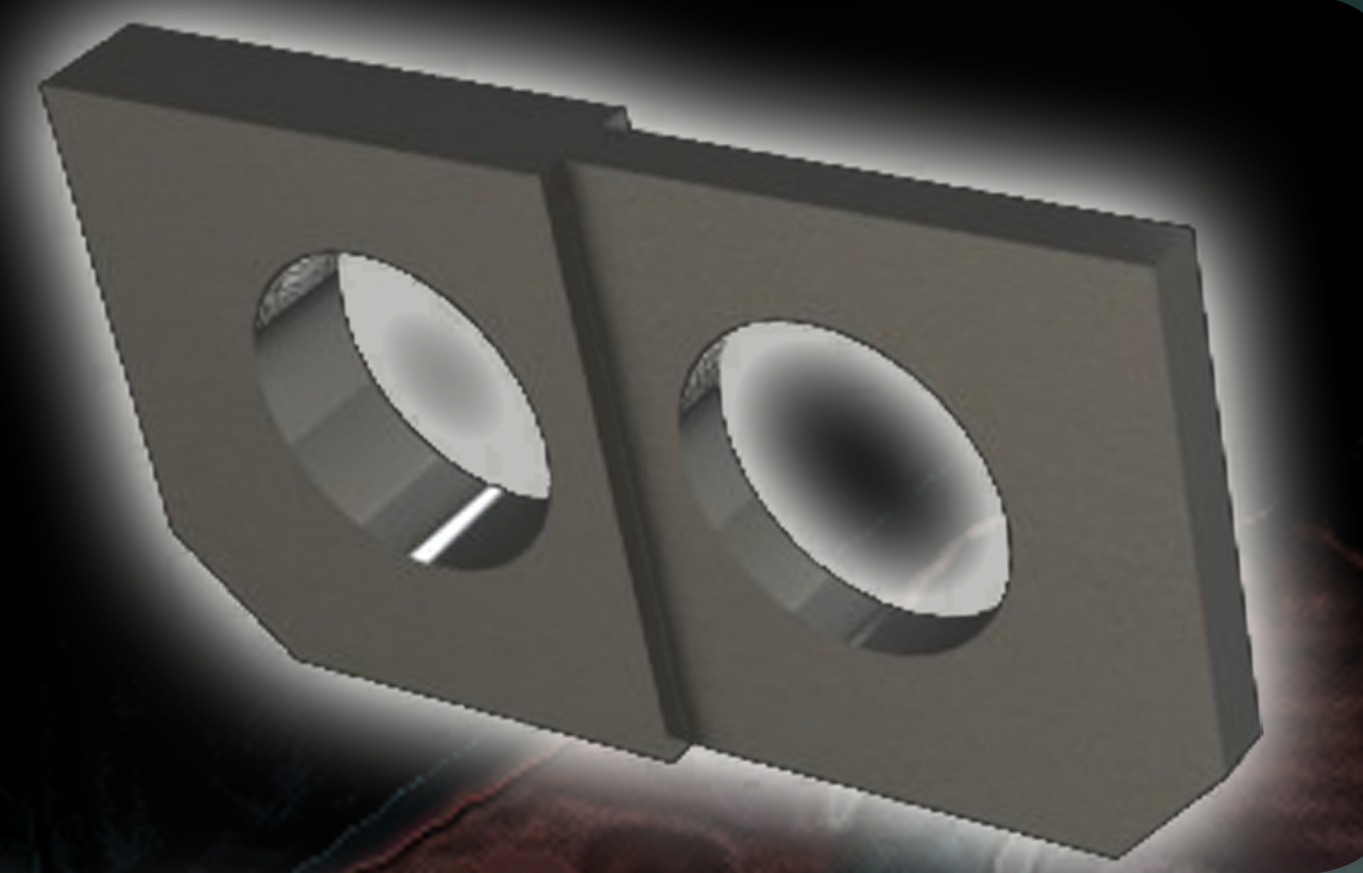
Gearbox Length Decrease

- Weight decrease
- Easier installation
- No functionality loss



Bearing Wall Redesign

- Compact two welded walls designed
- Removed unnecessary material
- Decrease in material costs



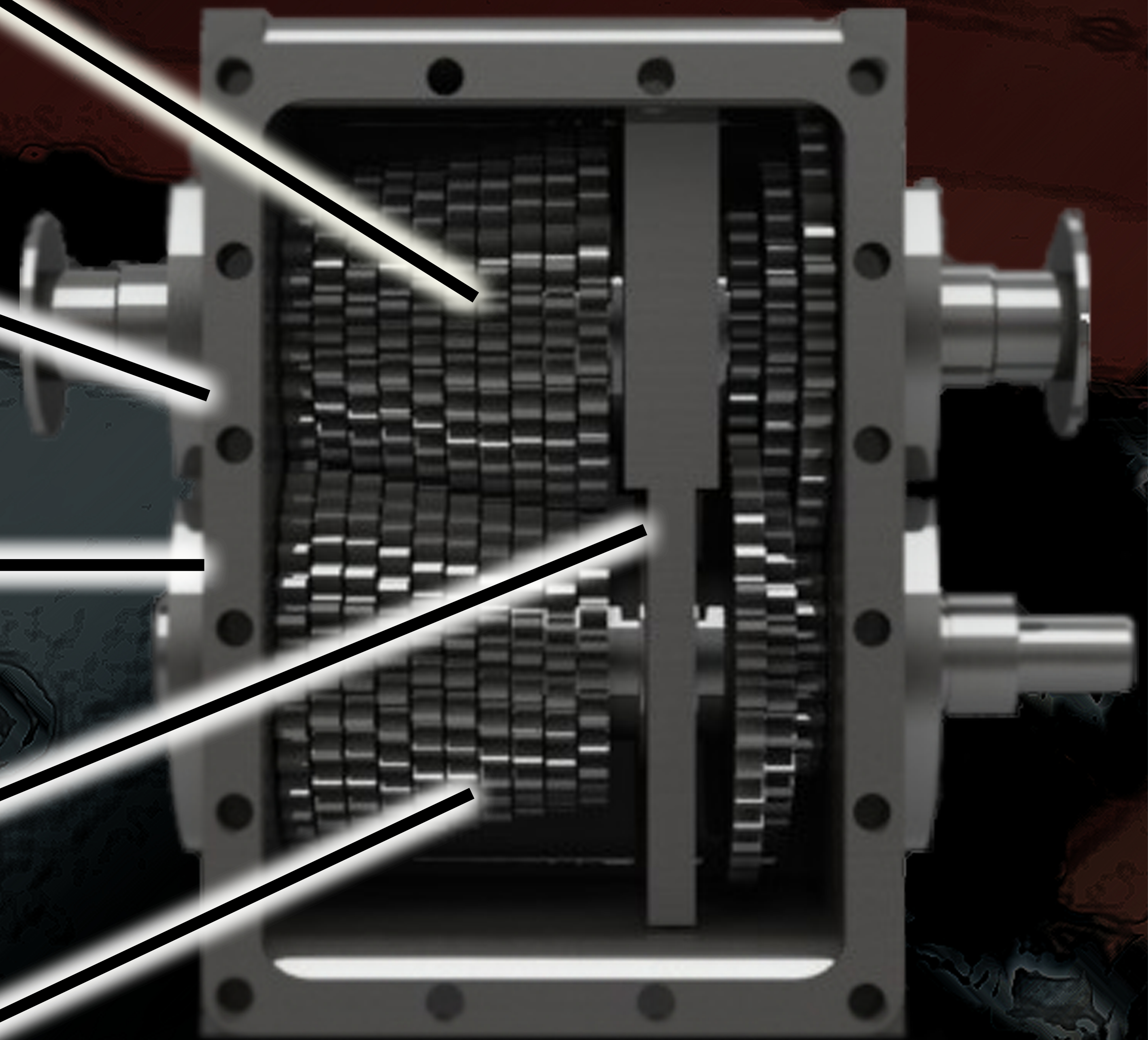
Gear Thickness Reduction

- Significant weight reduction
- Half thickness of original gears
- No functionality loss



Gearbox Function

Controls the distribution of fertilizer
Used on Airflo 7600 Spreader



Critical Issues Resolved

- Resolved burring in keyway slot
- Improved sealing of gearbox
- Decreased overall mass