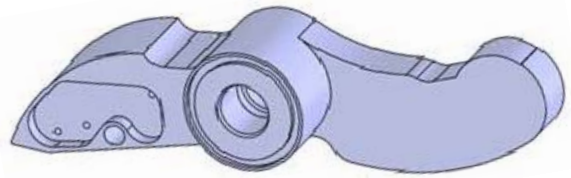




TIER ONE AUTO SUPPLIER SAVES \$105,000.00 THROUGH PARTNERING WITH LMC

- TYPE OF WORK:
Axle Tube
- LMC SOLUTION:
Custom Design AX4 Steady Rest
- STEADY REST:
A063538
- GRIPPING RANGE:
12MM—160MM
- REPEATABILITY:
0.005MM
- ENGINEERS:
Toru Kitatsuru & Chris Albaugh

LMC Workholding had a local Tier One Automotive customer that had plans to increase production of their GM Axle Tubes. They relied on LMC Workholding and the Atling Design Engineers to develop a custom steady rest solution that would allow them to reduce their cycle time by approximately 12 seconds/part while saving thousands.



The total job was 212,000 parts a year. The savings LMC was able to show resulted in 700 hours of machine time per year. Netting the customer with a \$150/hour burden rate over \$105,000 of increased production. The LMC team developed a steady rest that would grip on the two different diameters they needed to support, 80MM and 76.3MM. The steady rest consisted of 19MM wide offset arms which would allow the customer to drill and back spotface the holes on the end of the flange without orienting the part 5 different times. Resulting in a 29% cycle time reduction.

