

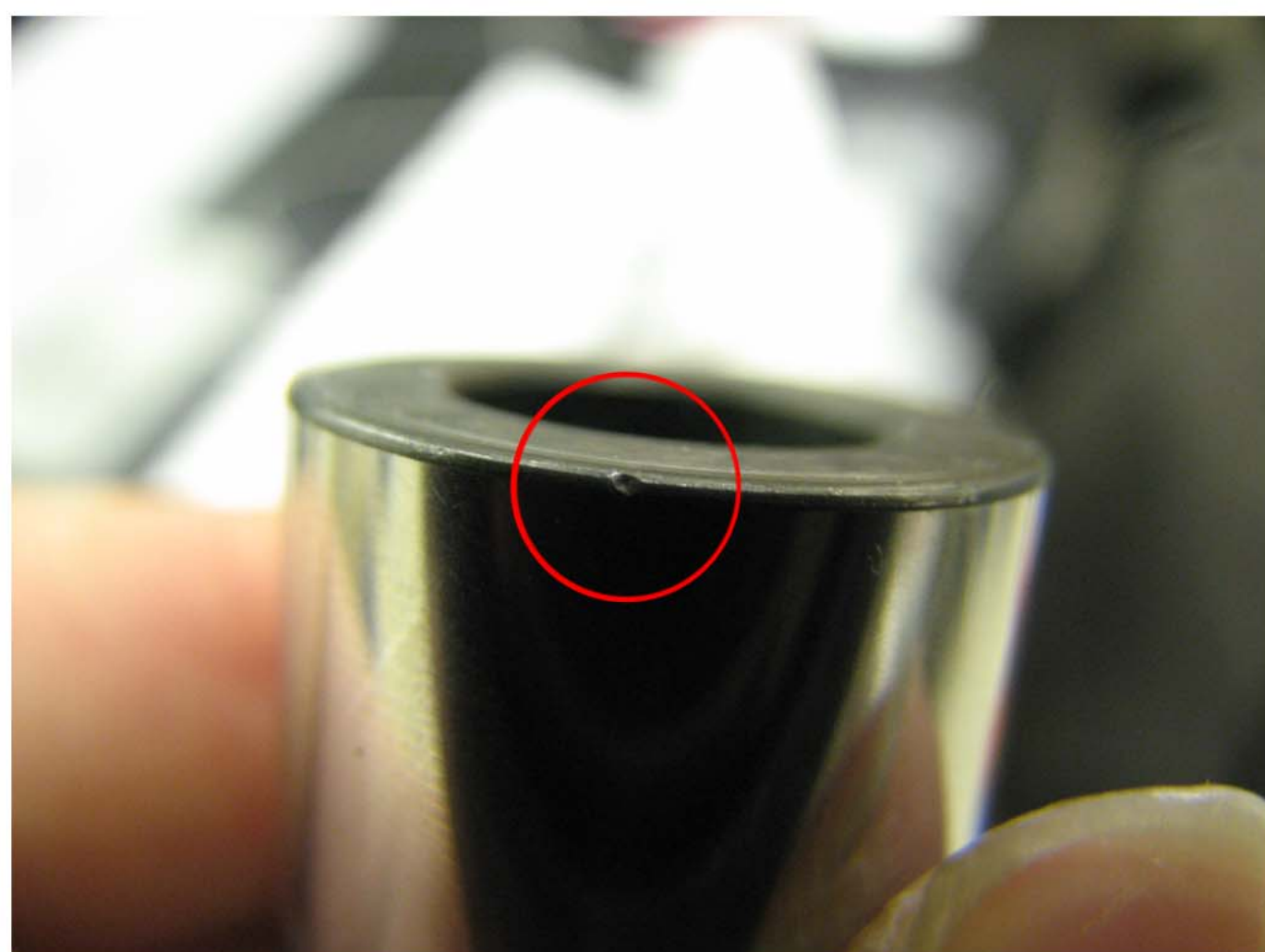
IPRO 339

Project Sponsor

Burgess Norton Manufacturing Co. - premier US manufacturer of automotive engine components.

Problem

1. New high performance engines require tighter tolerances which demand more precise manufacturing practices and careful handling.
2. Sponsor is seeking an alternative to extensive manual part handling.



Nicks on outer diameter of pin are unacceptable.

Manual handling of pins increases cost of manufacturing without adding value



Objectives

Automate loading of pins into box for transporting from one manufacturing operation to the next, eliminate manual loading.