It is hard to find any motorized vehicle in today’s world, that does not utilize piston pins. From automobiles to airplanes, motorcycles to lawn mowers, piston pins are used in order to power these machines and help people accomplish incredible tasks.

Special Thanks from Pin-Pals to Burgess-Norton for sponsoring this project.
Pro 339 was challenged to innovate the manufacturing process of piston pins for Burgess-Norton.

Burgess-Norton Manufacturing Company is the world’s largest manufacturer of piston pins and leading producer of powder metal parts. One of Burgess-Norton’s specializations is the development and manufacturing of piston pins. Our team was confronted with the issue of nick occurrences on the chamfered ends of the piston pins.

**The Solution:**
To ease the handling process, we found that production, and efficiency would be increased if Burgess-Norton would retrofit a new conveyor system to their existing system, to automate the loading of piston pins onto their existing pans.