CHRISTIAN DIERKSHEIDE

AEROSPACE ENGINEERING AT THE UNIVERSITY OF CINCINNATI

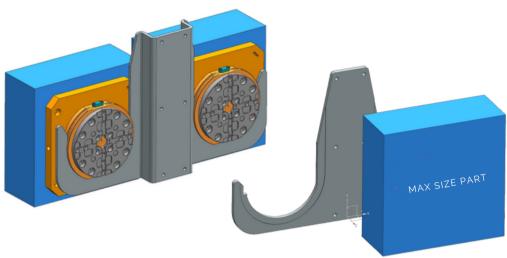
christiand416@gmail.com

in www.linkedin.com/in/christian-dierksheide/

630-346-7416

PARTS WASH ANCHOR - MEYER TOOL





What?

- Design a bracket to hold fixtures with parts for washing
- Robust and simple, production ready

How?

- Used Siemens NX to iterate on and simplify designs
- Used onsite milling machine to cut features

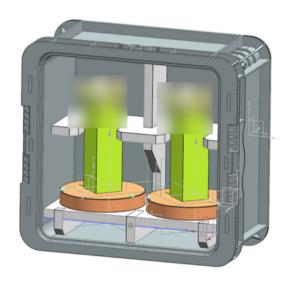


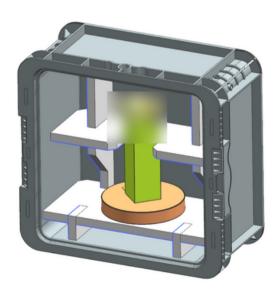
Results

- Drastically reducing time and manual labor spent on part washing
- Laser cut stainless steel with milled features

CALIBRATION BLOCK BOX - MEYER TOOL







What?

- Box to **protect** sensitive inspection calibration block, while maintaining ease of access
- Cheap construction

How?

- Designed on Siemens NX
- Purchased box with easy to assemble cut sheet plastic

Results

- Hard Delrin stands up to wear of repeated in and outs
- Protects hardware from bumps and misalignments