



ENGINEERING SOLUTIONS

Austin Hardware & Supply, Inc. is one of the country's leading industrial solutions providers. Not only can we function as your supplier for hardware solutions, but we have also become a trusted source for many OEMs for custom-engineered products.

With over 100 years of combined Engineering experience, our team can help improve design, functionality, and user experience while driving cost reduction through design intent, assembly time, manufacturing capabilities, and sourcing.



BY THE NUMBERS

»» **450+**
CUSTOMERS
SERVED

»» **450+**
PROJECTS
COMPLETED

»» **550+**
PRODUCTS
DESIGNED

»» **25+**
WORLDWIDE
PATENTS

Our Capabilities

Our engineers get it because they have done it. Our goal is to work alongside you, securing solutions for your business and the industries you serve through our Austin Guaranteed Engineered Solutions. Our extensive engineering capabilities include:

- »» New Product Development
- »» Design for Manufacturing
- »» Product Enhancement
- »» Reverse Engineering
- »» CAD Design
- »» Prototyping
- »» Rapid Prototyping
- »» FEA - Finite Element Analysis
- »» Product Testing : (Durability, Life cycle, FMVSS, Crash Testing, Corrosion, and More)

Design Product Disciplines

- | | |
|-----------------------|-----------------|
| »» Die Casting | »» Welding |
| »» Molding | »» Plating |
| »» Sheet Metal | »» Forging |
| »» Stamping | »» Extrusion |
| »» Investment Casting | »» Coating |
| »» Assembly | »» Powder Metal |
| »» Machining | »» Wire Forming |

Our Certifications

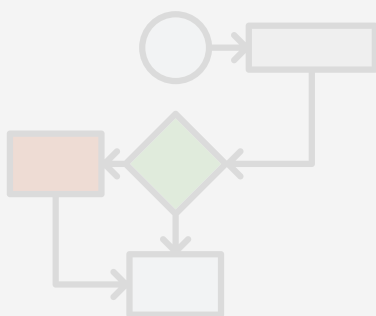
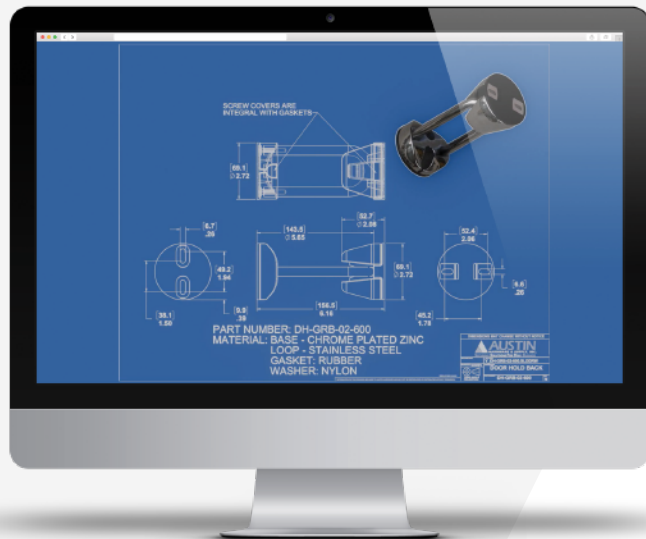
Austin Hardware and Supply, Inc is ISO 9001:2015 certified for Hardware and Fastener Products. Certificate of Conformance, Material Certifications, Chemical, and Physical Analysis available

Our Process



Research and Development

In our initial exploratory session, we will explain our custom engineering solutions process while gathering information about your business. Throughout the research phase, we gain an understanding of your specific pain points and why you are committed to solving them. We will analyze solutions you may have tried in the past and help identify any shortcomings. This fact-finding session allows us to engineer the right solution for you. At the end of this phase, we will have developed a scope for the project including a timeline and any costs that may be involved.



Design Review and Approval

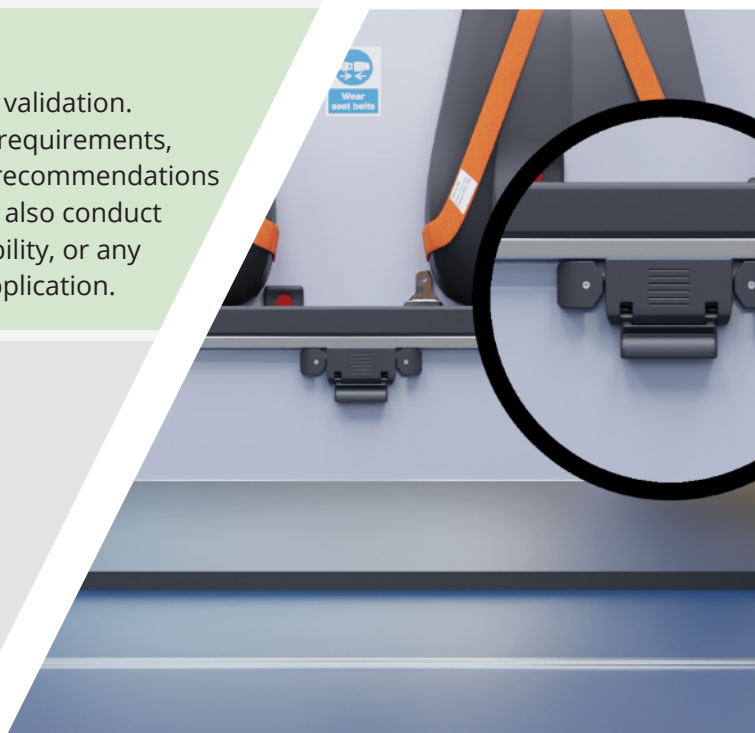
Once a scope and requirements are defined, we will begin the design phase with deliverables ranging from sketches, CAD files/renderings, written requirements, or prototypes. Our engineering process is iterative and built on collaboration and communication with our customers. As a partner, you will have the opportunity to be involved through each step of the process up to final approval. Our approach to the design, review, and modifications allows us to work out details, make improvements, and ensure a successful launch.

Analysis, Testing, and Validation

Prior to launching, we will conduct any necessary testing or validation. Products can be designed and tested to meet your specific requirements, standard industry specifications, or common best practice recommendations for the application. With the production of samples, we can also conduct testing such as load rating, corrosion resistance, cycle reliability, or any other performance specifications that are critical to your application.

Product Launch

Once our design passes internal design validation and testing, it is time to move to the project to production. During this phase, we prove the integrity of the design with the first article production samples. These samples give us the opportunity to visualize what the production parts will look like and perform additional testing to verify all requirements have been met or exceeded. After this final approval, the parts are released to full production.



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