

# Full-Service Fastener Prototyping

Fast-turn prototypes for small to large runs

For custom prototyping of fasteners, nuts and washers, UC Components, Inc. offers a wide variety of turnkey solutions that are precise, fast, and affordable; even for small runs.

UC Components has specialized in producing vacuum service ready hardware for over 40 years. We set the Quality Control standard for cleaned precision fasteners and extend that expertise to our customers through:

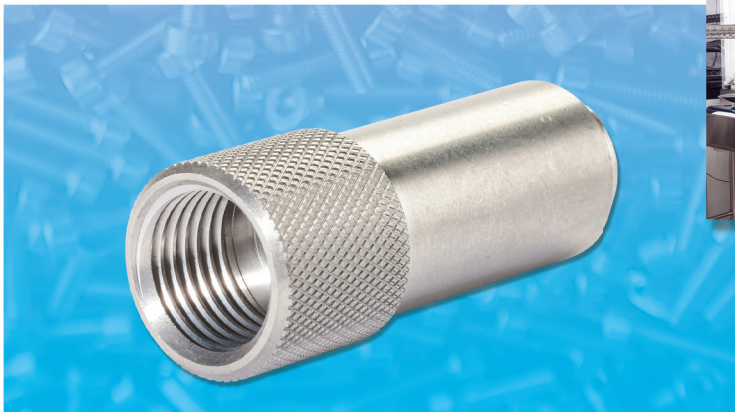
- **In-House CAD Capability:** We work directly from customer supplied or in-house generated prints, make modifications when needed, and can take your prototype from first article to production.
- **Wide Range of Materials:** In addition to stainless steel, we also work with alloy steels, aluminum, titanium, brass, plastics, nylon, 316/A4, Inconel, Hastelloy, and more.
- **Surface Treatments & Finishes:** UC offers vacuum baking (de-gassing) of both fasteners and o-rings as well as seven different vacuum compatible finishes; including gold, silver, nickel, MoS<sub>2</sub>, WS<sub>2</sub>, and electro-polishing. Additional finishes include Kolsterising®, Nylok® patch, and more.
- **Surface Texturizing:** For adhesion of deposited materials to creating an easy-grip surface, UC offers grit-blast treatments for screw heads & shafts.
- **Captivation:** Have a sensitive assembly and want your fastener to stay in place during service? UC can captivate to your specification from existing stock.
- **Turn-Down:** Reduced I.D. on a fastener head or shank or add a bullet nose or contact point.
- **Wire Hole & Other Drilling:** Wire holes for securing critical assemblies, slotting, milling, and other drilling of virtually any design.
- **Cleaning & Packaging:** ISO Class 5 cleanroom, certified class 100 packaging standard with the UC RediVac® process or tailor to your specifications.



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How can UC help you?  
**Call (408) 782-1929**





With over 40 years experience providing fasteners for vacuum, UC Components, Inc. has produced a wide range of solutions for the most demanding applications. We routinely supply front end planning and execution of prototyping for our customers that includes transition to finished production components. Our engineering staff reviews every detail of your component material selection, type, application, inspection and packaging. UC can handle the details too, providing full first article documentation including material certs, detailed drawings, etc. Our long history of consistent quality control along with our ISO 9001:2015 certification and meticulous attention to detail and conformity ensures that you receive the exact part you envisioned. Why worry about the small stuff, UC is your prototyping source for fasteners and seals for science.



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**How can UC help you?**  
**Call (408) 782-1929**