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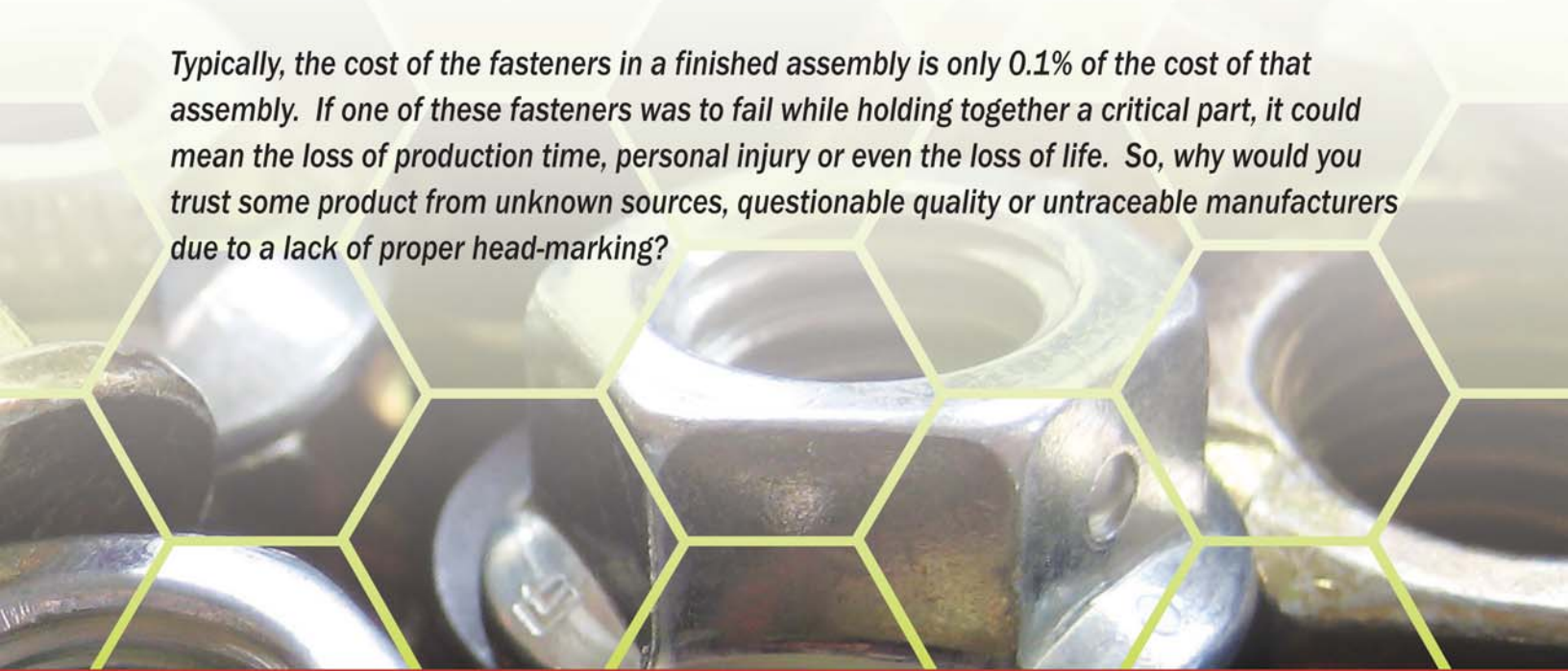
LOCKNUT

Advantage

The 10 Advantages of Locknut Technology

Demystifying locknuts and choosing the right locknut supplier requires some understanding of these unique products. Many a commodity buyer is unaware of the technical requirements of an "all-metal prevailing torque" locknut. At Locknut Technology, that is all we do and we fully understand these specifications.

Typically, the cost of the fasteners in a finished assembly is only 0.1% of the cost of that assembly. If one of these fasteners was to fail while holding together a critical part, it could mean the loss of production time, personal injury or even the loss of life. So, why would you trust some product from unknown sources, questionable quality or untraceable manufacturers due to a lack of proper head-marking?



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Advantage #1: Technology Driven

"Made by Locknut Technology" stands for excellence. It is symbolic of our endeavor to achieve total quality and value in all we do. Locknut Technology was founded in 1995 by Roy Motz and has developed a substantial North American presence based on its reputation for high performance locknuts. Our world class locking equipment was developed for high speed operation and monitored for process control. Continuous improvement programs help identify areas for further process enhancements. Our market leadership brings added value to your operations, and assures cost effective solutions. Customers using our products enjoy the Locknut Technology Advantage® every day.

Advantage #2: Made in the U.S.A.

Locknut Technology has extensive experience manufacturing prevailing torque all-metal locknuts. Our locknuts are locked and processed in our production facility near Chicago, Illinois. We operate 5 days a week, 24 hours per day, to assure timely deliveries to our customers. This greatly simplifies just-in-time schedules. Variations in prevailing torque, plating requirements or emergency orders can be easily accommodated. With our vast production capacity we can produce over one million locknuts per day. For your best value, trust Locknut Technology's manufacturing capability, on-time delivery and product consistency.

Advantage #3: High Quality Nut Blanks

Nut blanks are cold formed to our blueprint specifications on precision, high quality, oversized nut formers. Examine our nuts and you will immediately appreciate the fully formed corners, full diameter bearing surfaces and threads that are perpendicular within tight tolerances. Thread chamfers are also within tolerance. Compare these to some products with their "wobbly" threads, undersize bearing surfaces, oversized chamfers and you will agree that our quality is far superior. All the steel used in nut forming is new "virgin" melted steel. No recycled steel is ever used in our nuts, to assure the mechanical property requirements of our locknuts.



Advantage #4: Product Variety

Locknut Technology manufactures and stocks one of the widest varieties of all-metal locknuts found in North America. Over 100 million locknuts in various stages of completion are readily available. This means our customers can rely on us to ship what they want when they want it. Both inch and metric sizes are stocked in styles such as Automation Locknuts (A, B & C), Flange Locknuts (F & G), Nylon Insert Flange Locknuts, Centerlock (Two-Way) in both Finished Hex and Finished Jam styles, Collar Locknuts 3/8" thru 3", weld nuts, acorn nuts and our newest addition of FLEXTOP® locknuts. Also, we can tailor the prevailing torque to specific needs as required; a tremendous advantage in difficult assembly operations.

Advantage #5: Inventory

In today's economic climate, many companies have been forced to reduce their inventories. At Locknut Technology, we understand that our inventory is just one more advantage that separates us from the competition. We are focused and INVESTED in providing what you need – when you need it. Not only are we carrying finished (plated) locknuts on the shelf, we have plain finish locknuts on hand that can be plated with your customer's specific requirements. In addition, we have a large inventory of raw material that can be processed with a short lead-time. When your customer has a surge in demand, we can react quickly and ensure that your OEM customer receives the product when needed.

Advantage #6: Conformance to Standards

Locknuts are all that we do. As such, we have become highly proficient at controlling prevailing torque and torque scatter, well within industry standards. We employ the most modern equipment to add the prevailing torque "locking" feature. Process control in this area is the heart of a locknut. Low torque scatter translates to consistent product tightening and predictable pre-load. Why trust the inferior process control of some products, with their out-of-tolerance prevailing torque, galling, seizing, etc? As a final touch, we add superior quality torque-tension control fluid to reduce torque scatter and produce more reliable, smooth running locknuts. Compare this to some products coated with inferior waxes, some of which were developed to polish wood floors.

Advantage #7: Corrosion Protection/Plating

The last operation of making a locknut is to plate the part for corrosion protection. Our “commercial” standard (non-spec) plating thickness is .0002”. Compare this to the imported variety of .0001” thickness and we have double the corrosion protection. This adds significantly to the aesthetics and durability of the OEM customer’s equipment. The variety of platings and coatings that we offer is virtually limitless. In addition to zinc, we offer cadmium, phos/oil, organics, H.D.G., etc. All of our locknuts are coated with a proprietary torque control fluid to reduce torque scatter and assure a smooth running assembly.

Advantage #8: On-Site Tool Room

We have a fully staffed tool room on the premises to support product development as well as production needs. When new tooling or repair of equipment is required, the response is immediate. This support is another reason you can be assured of your timely delivery, when promised, instead of hearing, “Sorry, our machine was down.”

Locknut Technology’s commitment to building tooling in-house greatly adds to our overall efficiency.

Advantage #9: ISO 9001-2008

Locknut Technology has been operating under ISO 9001-2008 registration to meet world class standards for over 10 years. Every part is fully traceable with lot number identification on cartons, packing slips and invoices. Our in-house lab is equipped to perform any of your certification requirements including Level III PPAP’s. Additionally, our locknuts are fully traceable and identified with our registered product headmark.

Advantage #10: Engineering Support

Our knowledgeable sales people are thoroughly trained on the usage, ability and variety of our products. However, situations arise when more specialized engineering support is required. From developing a new product, requiring a special torque range, or an unusual application, we have the engineering support team ready to help. Our in-house tool design group can respond quickly to engineer new tooling for custom applications. Our ability to support this area gives our customers a tremendous advantage when dealing with the technical requirements of prevailing torque locknuts. Locknut Technology has helped customers find solutions for their most critical fastener joints. For each application, the chosen product not only performs the required task, but adds value to your customer’s operations.