



**GENERAL
FASTENERS
COMPANY**

**THE RIGHT PARTS
THE RIGHT QUANTITY
THE RIGHT SOLUTIONS**



MORE THAN JUST FASTENERS

For over 70 years our clients have benefited from our comprehensive approach to total inventory and supply chain project management that is as unique as each of our client's needs.



WHY GFC

General Fasteners Company (GFC) is a full-service fastener distributor and assembly component supplier. Over the past 70 years, we have excelled at providing great products, superior inventory management, logistical services, product testing and engineering solutions for our customers. Our dedication to these core values and investment in new technology makes GFC the obvious choice for securing your supply chain.

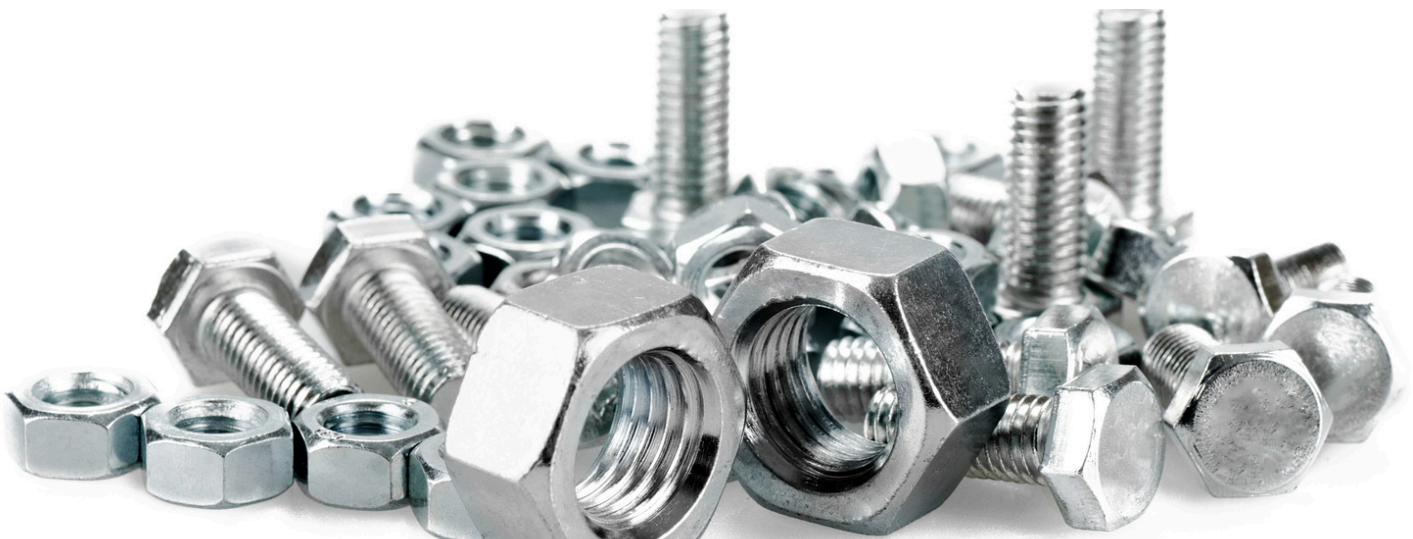
General
Fasteners

General
Fasteners de
Mexico

GFC
Technical Center
of Excellence

MNP Family
of Companies
Affiliate

A Synergy of Companies General Fasteners Company is in the unique position to utilize the assets of each of our company affiliations and service branches to best service our customers. Through General Fasteners de México, we have been serving the Mexican market for many years. Our Technical Center of Excellence is a fully-staffed design and test support facility, developed as an extension of our customer's engineering teams. Through our affiliation with the 20+ companies in the MNP family, we have access to the latest manufacturing technologies and processes in the fastener industry, including: cold-heading, metal stamping, steel processing, heat-treating, and plating.



Expertise to Service Your Industry

Our dedicated teams are comprised of Sales, Customer Service, Program Management, Supply Chain, Engineering and Quality, expertly servicing the Automotive, Heavy Truck, Industrial, Energy, Medical and Military industries.

Optimal Footprint Throughout North America

GFC has strategic locations throughout the United States and Mexico, allowing us to support our customers with quick response times and cost-effective delivery options.

OUR PRODUCTS

GFC's 100,000+ SKUs of fasteners and assembly components are sourced from over 800 domestic and global suppliers. Our product range includes standard bolts, screws and washers, custom-engineered components, blueprint specials, stamped and molded parts, wire routing hardware, and a host of kitting and assembly options. We expertly manage the purchase price, product quality, delivery options, logistics, and inventory levels to provide you with the best total in-place cost.

STANDARD PRODUCTS



Screws • Bolts • Nuts • Washers

ENGINEERED COMPONENTS



Blueprint Specials • Custom Components

KITTING AND ASSEMBLIES



Bagged & Boxed Kits • Skin Boards • Blister Packs • Weldments • Stampings • Light Assemblies

CLASS C COMPONENTS



Latches • Adhesives • Clamps • Hinges • Fittings • Seals • Rubber Products • Hoses • Gaskets & Materials • Castings • Plastics • Keys • Cables & Cable Ties • Labels • Wire Forms • Wire Routing Hardware • Forgings



INVENTORY MANAGEMENT

General Fasteners Company is proud to be a pioneer in Vendor Managed Inventory (VMI) Programs. Since the late 1980's when we supported our customers with simple, in-plant stores staffed by GFC attendants, our programs have developed into some of the most robust, technically advanced systems in the industry.

INVENTORY MANAGEMENT

Nothing is one size fits all with us! All of our inventory programs are customizable, scalable, continually optimized, lot traceable and lean.



NEEDS ANALYSIS / PLANT SURVEY

Our process begins with a thorough review of your current state replenishment process and an in-depth understanding of your strategic goals and desires.

PROGRAM DEVELOPMENT

After we have taken into consideration your operational constraints and opportunities, we develop a vision of the best-case program for your company.

PROGRAM IMPLEMENTATION

Once a program has been agreed upon, we begin the process of implementation, guided by our formal Implementation Project Plan.

VMI programs are the cornerstone of our business. We help our customers realize true cost savings by making their manufacturing plant floors more lean. Being a true working partner on your teams means we can help reduce non value-added activities, consolidate vendors and part numbers and free up working capital.

A PLAN FOR EVERY PART



GFC's experienced team manages design and inventory flow for our customers. They conduct on-going reviews to analyze changes in usage and to make appropriate adjustments. Our many program options are designed to minimize in-plant inventory without compromising production.

Transparency of Supply

Transparency is paramount to our joint success. From full lot traceability of your products to our comprehensive business review process, we work in an open, collaborative manner to ensure you never lose site of what matters most to your business.

Continuous Improvement

- Our solutions help deliver savings and efficiency gains for your supply chain and manufacturing floor.
- We constantly monitor the marketplace for the right sources.
- We analyze and reconfigure our delivery model to better support your production flow.

Smart Bin System

Our weight-driven Smart Bin inventory management system, powered by Apex Connect n' Go Technology™, meets your most dramatic fluctuations in demand. This cloud-based "program of the future" electronically monitors your usage. Replenishment orders are automatically generated 24 hours a day, 365 days a year.

Value Analysis / Value Engineering (VAVE)

GFC's Engineering team supports total assembly cost reduction efforts through line-side efficiency improvements and in-plant assembly evaluations. Our team provides tailored joint design and assembly solutions ensuring the highest quality at an optimized cost.



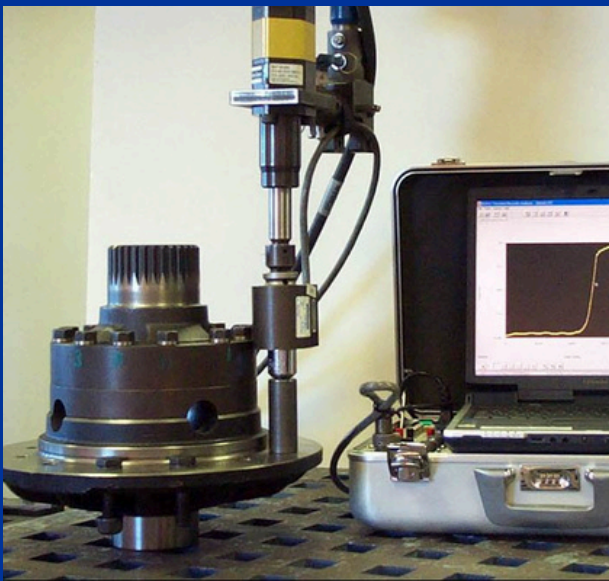


ENGINEERING AND TESTING

The GFC Engineering Team actively participates and stays up to date with, the latest industry trends, products and specifications. As technical and voting members of national trade associations, our Engineers help to write new and updated standards for the fastening industry.

DESIGN SUPPORT FROM CONCEPT THROUGH PRODUCTION

We offer more than just “Part-To Print”. Our Engineers provide world-class testing services, technical support, and cost-effective design recommendations pertaining to fasteners and related assembly components.



Assembly Strategy Validation

With advanced analysis tools, such as our Ultrasonic clamp load measuring system, GFC is able to provide real-world assembly strategy validation and direction to our customers, allowing their manufacturing processes to become more predictive and consistent.

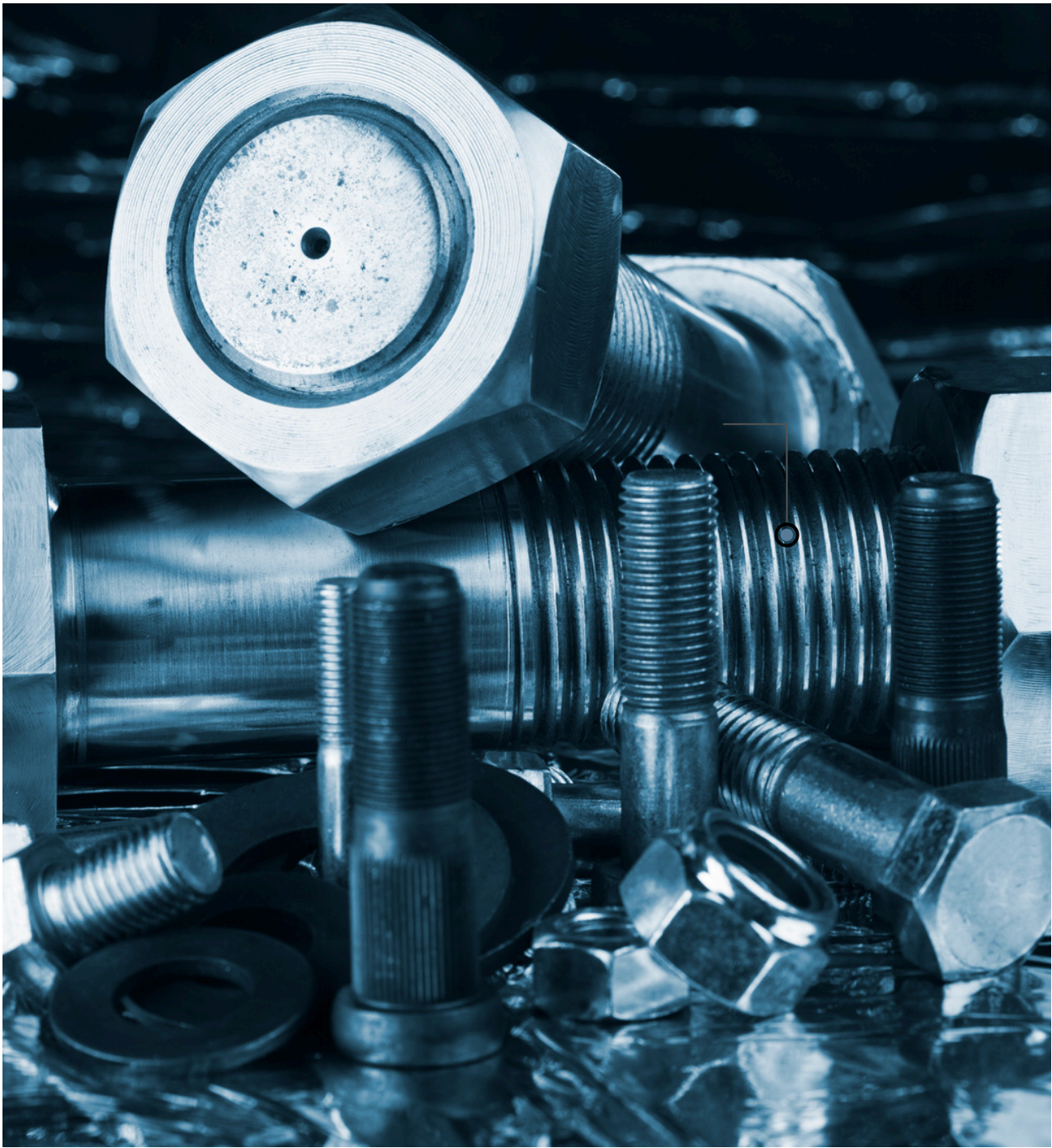
- Joint Design Analysis
- Assembly Strategy
- Fatigue / Tensile Testing
- Fastener Finish Selection
- Customized Testing



A2LA Accredited Testing Center of Excellence

As an A2LA certified lab, our validation assistance will help you get your parts approved faster, so your cost savings can be realized sooner.

- Metallurgical & Fractional Analysis
- Torque / Tension / Compression Testing
- Coefficient of Friction Measurement (COF)
- Product Design & Development Assistance
- Elevated Temperature Effects

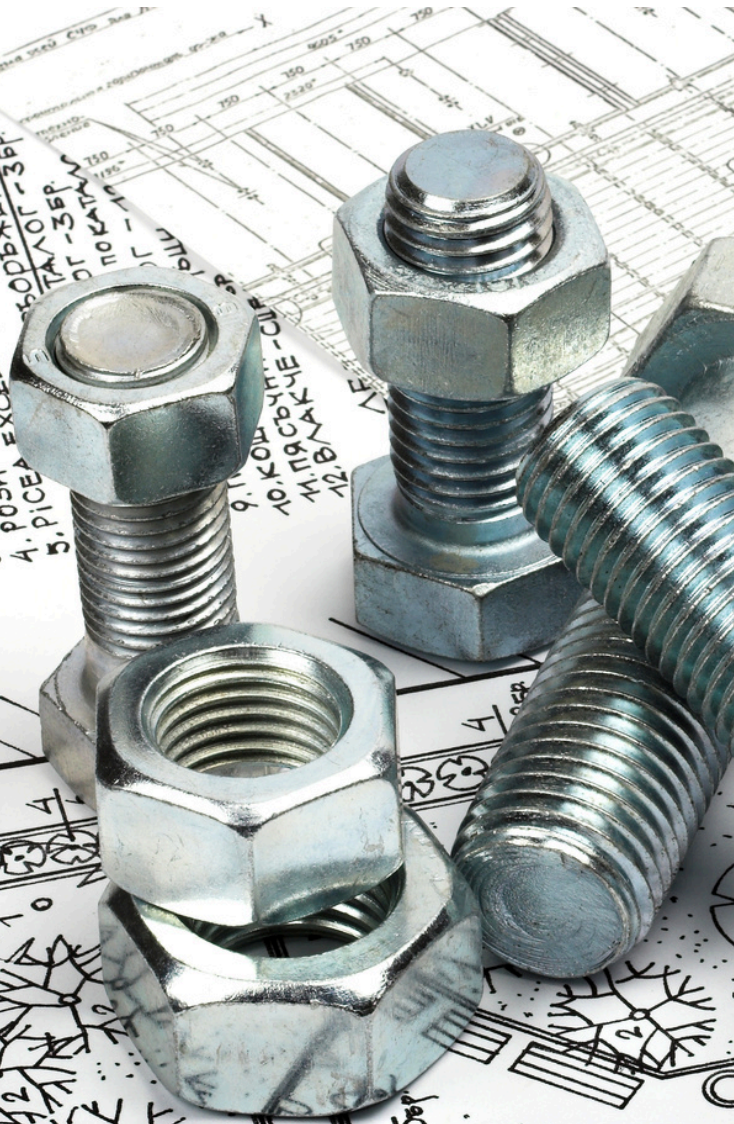


QUALITY ASSURANCE

A hallmark of General Fasteners is our Quality Assurance. We maintain one of the most extensive QA departments in the fastener distribution business with full lot-traceability to ensure products meet specifications.

WE ENSURE IT'S DONE RIGHT

GFC's experienced and highly trained Quality Control Technicians provide a broad range of testing, including; dimensional, tensile/proof load, hardness, metallographic evaluation and chemical analysis. We receive numerous accolades from customers for the high level of support and quality represented in the products we supply. Meeting our customer's quality expectations also calls for selecting the right manufacturers and we work closely with our manufacturers and clients through the APQP process.



A2LA ACCREDITED LABORATORY

Our A2LA accredited laboratory is fully staffed to ensure complete compliance to industry and customer specifications. Our on-site metallurgy lab is equipped to validate, analyze, and complete forensic testing of metal components.

Our Quality Tests

- Chemical Analysis – Optical Emission Spectrometer
- Scanning Electron Microscopy
- Tension Testing
- Hardness Testing (Rockwell and Superficial)
- Microhardness Testing (Knoop and Vickers)
- Metallographic Evaluation
- Dimensional Testing
- Thread Gaging - Internal & External
- X-Ray Fluorescence (Plating Thickness)
- Salt Spray Testing
- Torsional Testing
- Hydrogen Embrittlement Testing

Certifications & Accreditations

- American Association for Laboratory Accreditation (A2LA) to the ISO/IEC 17025-2017 standard for mechanical testing.
- GFC's Quality Management System is certified to the ISO 9001:2015 standard. As a distribution company, this certification meets the requirements set out in the automotive TS 16949 standard.

OUR LOCATIONS



Corporate Office

19500 Victory Pkwy., Suite 500
Livonia, MI 45152

Distribution Center

13319 Carowinds Blvd., Suite C
Charlotte, NC 28273

Technical Center of Excellence

1524 East 14 Mile Road
Madison Heights, MI 48071

U.S. Warehouse Locations United States

- Evans, Georgia
- Elkhart, Indiana
- Portage, Michigan
- Chillicothe, Ohio
- Hebron, Ohio
- Garland, Texas
- McAllen, Texas

General Fasteners de México

Queretaro Headquarters and Distribution Center

Av. 5 de Febrero # 1702-C Bodega 1
Zona Industrial Benito Juarez
Queretaro, Qro Mexico cp. 76120

San Luis Potosi Distribution Center

Pintores 155
Parque Impulso
San Luis Potosi, SLP, C.P. 78395