

Fasteners Market Study

About Us

Straits Research Pvt Ltd is a leading market research firm offering comprehensive insights on market demand, trends, growth prospects and regional analysis. With over 35 years of combined experience, we provide premium qualitative insights on consumer preferences, regulatory landscape, and technological advancements along with quantitative insights on industry market size, global economic scenario and revenue opportunities. These reports are backed by high-quality data sourced from primary sources and large secondary databases. With analyst perspectives and insights included in every report, Straits Research delivers comprehensive market intelligence and detailed analysis to help clients make informed decisions.

Table of Content

Market Summary

- Market Overview
- Market Trends

Segment Overview

- By Type
- By Application
- By Raw Material

Regional Overview

Company Profiles

Elgin Fastener Group LLC

Birmingham Fastener and Supply, Inc

W. Industries, Inc

Hilti Corporation

Nippon Industrial Fasteners Company (Nifco)

LISI Group - Link Solutions for Industry

Dokka Fasteners A S

ATF Inc.

Acument Global Technologies, Inc.

Arconic Fastening Systems and Ring

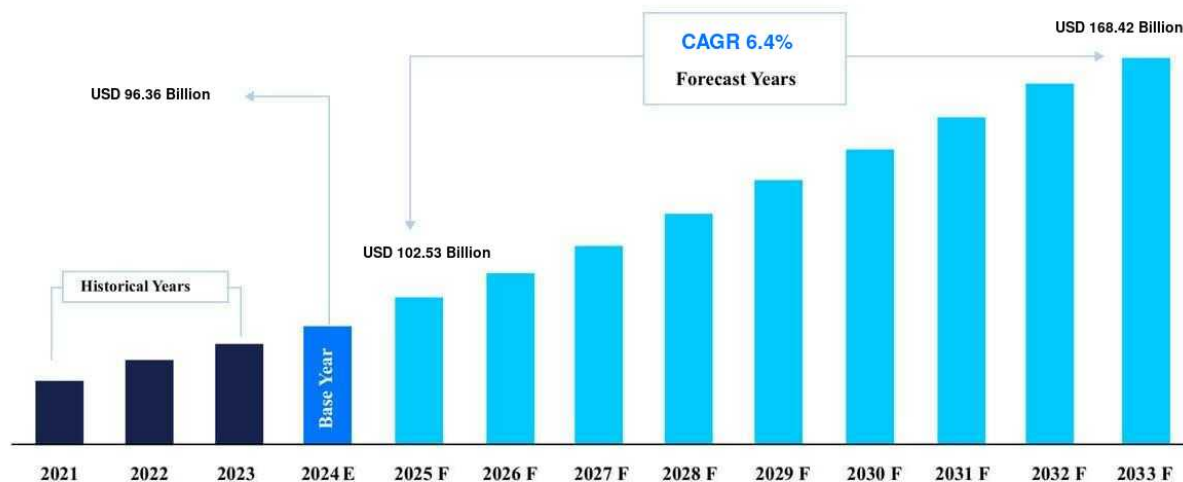
Note: More company profiles available on full reports.

Top 5 Company Market Share



Total
26%

Top 5 company market share



Source: Straits Research

Emerging Countries

China

Germany

United States

Emerging Companies

Elgin Fastener Group LLC

Birmingham Fastener and Supply, Inc

W. Industries, Inc

Market Trends

Growth Trends

- Increase in demand from developing markets and emerging economies.
- Continuous innovation and technological advancement in fastener designs and materials.
- Growth in industries where fasteners are used such as construction, automotive, and aerospace.
- Increase in demand for high quality and durable fasteners.
- Rising standards of living and increase in construction projects driving demand for fasteners.
- Globalization leading to increase in import-export of fasteners between countries.

Factors considered while calculating market size and share

- Overall production and consumption volume of fasteners in the market.
- Revenue generated by the sale of fasteners.
- Export, import, and the overall trade scenario of fasteners.
- Market trends and predictions in the fasteners industry.
- The scope of application and sectors where fasteners are used such as; automotive, aerospace, construction, industrial machinery.
- The geographical presence of the market – local, national, and international.
- Analysis of the competition – strengths and weaknesses of organizations, market saturation, presence of small and large players.

Key Market Indicators

- The economic indicators like GDP rate, purchasing power of individuals and inflation rate.
- Demographic trends – population growth rate, age distribution, and migration patterns.
- Technological trends and their influence on the fasteners market such as the introduction of new materials and design.
- Evolving industry standards and government regulations impacting the fasteners industry.
- Changes in consumption patterns and buying behavior of consumers.
- Global industrial production and its direct correlation with the demand for fasteners.

Rising market share of substitutes

Over the projection period, rising metal prices and the slowing growth of these fasteners due to their replacement by plastic fasteners, automotive tapes, and adhesives are anticipated to be significant obstacles for makers of metal fasteners. Due to the growing need for lightweight components from car manufacturers, plastic fastener producers should benefit. The market share for welding has expanded due to the adoption of laser welding in automobiles. Rising consumption of welds and rivets in various types of aircraft is anticipated to drive the welding market in aerospace and defense industries, posing a threat to fastener's market share.

Market Trends

Increasing automotive production in Asia Pacific

Fasteners are an essential component of the automotive industry and are available in numerous shapes and sizes. The common fasteners used in this industry include nuts, bolts, screws, rivets, studs, bits, anchors, and panel fasteners. Automotive is the largest industrial fasteners market, and the automotive industry's production trends directly impact the industrial fasteners market. Automotive production is primarily concentrated in North America, Europe, and Asia Pacific, because of the availability of skilled labor, high investments in the manufacturing sector, technology know-how, and increased domestic demand. Asia Pacific has emerged as the most significant automotive-producing region in the world followed by Europe. Major economies in the Asia Pacific, including India, Japan, and China, witnessed high levels of car production from 2017 to 2019 owing to the growing population and rising incomes. China is one of the largest automotive manufacturers in the world. According to the Society of Indian Automobile Manufacturers, India produced around 45,160,17 vehicle units in 2019, decreasing to 33,944,46 units in 2020. The electric vehicle segment in India is gaining popularity from the end consumer, coupled with significant players initiating the production of electric cars and two-wheelers. The growth of the automobile manufacturing sector has helped drive the industrial fasteners market at a considerable rate in India.

Substitution of metal fasteners with plastic fasteners

The evolution of lightweight automobile products has been significantly influenced by the current period of innovation and technology, which calls for more efficiency with fewer resources. Industrial fasteners are used most frequently in the automotive business, where there are numerous fastening requirements during product manufacturing. The cost and rising demand for lightweight components are linked to replacing metal fasteners with plastic ones. With injection molding technology, plastics can be molded into any shape and are an affordable alternative to metals.

Market Segments

By Type

Externally threaded fasteners, including bolts and screws, hold the largest market share of approximately 37-40% and are widely used in industries such as automotive, shipbuilding, and heavy equipment, driven by their high strength and corrosion resistance.



~37-40%

Externally Threaded Fasteners

By Application

Automotive applications hold a 32-35% market share in the fasteners market, driven by rising vehicle production, the growth of electric vehicles, and the adoption of lightweight materials.



~32-35%

Automotive

By Raw Material

Steel fasteners hold the largest market share, driven by their durability, corrosion resistance, and widespread use across industries such as automotive, construction, and manufacturing.



XX%

Steel Fasteners

Regional Overview

APAC

The Asia-Pacific region dominates the global fasteners market with a 36-40% share, driven by strong automotive, construction, and manufacturing sectors, with China, India, and Japan leading in demand due to urbanization and infrastructure investments.



~36-40%

China Market Share

Europe

Europe holds approximately 20-25% of the global fasteners market, with Germany leading the way, driven by advancements in automotive, industrial automation, and aerospace, while strong manufacturing bases in France and Italy further support market growth.



~20-25%

Germany Market Share

North America

North America is driven by the aerospace, automotive, and electronics industries, with the U.S. leading the charge and growing demand for advanced, corrosion-resistant fasteners supporting steady market growth.



XX%

United States Market Share

Regional Overview

Middle East and Africa

The Middle East & Africa (MEA) region, with rising demand driven by the oil & gas, construction, and infrastructure development sectors, particularly in the UAE, which leads with rapid industrialization and major projects.



XX%

United Arab Emirates Market Share

LATAM

In Latin America (LATAM), Brazil leads the fasteners market, fueled by growth in the automotive and construction industries, with increasing industrialization and trade agreements driving market penetration.



XX%

Brazil Market Share

Company Profiles

Companies	Websites	Headquarters	Establisheds	Key Executives	Revenues
Elgin Fastener Group LLC	https://www.elginfasteners.com/	USA	2007	Ron Auletta (CEO)	\$150M
Birmingham Fastener and Supply, Inc	https://www.bhamfast.com/	USA	1980	Brad Tinney (CEO)	\$100M
W. Industries, Inc	https://www.w-industries.com/	USA	1981	Donnie Smith (CEO)	\$80M
Hilti Corporation	https://www.hilti.com/	Liechtenstein	1941	Christoph Loos (CEO)	\$6B
Nippon Industrial Fasteners Company (Nifco)	https://www.nifco.com/	Japan	1967	Masahiko Kono (CEO)	\$1.5B

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