

Global Lock Washers Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/L1AAD50561EDEN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: L1AAD50561EDEN

Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Lock Washers market size will reach 326.08 Million USD in 2025 and is projected to reach 465.29 Million USD by 2032, with a CAGR of 5.21% (2025-2032). Notably, the China Lock Washers market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Lock washers, also known as locking washers, are mechanical fasteners designed to prevent loosening or loss of tension in threaded fastener assemblies. They are typically used in combination with nuts, bolts, or screws to provide additional security and resist vibrational or rotational forces. Lock washers come in various forms, including split washers, toothed washers, and spring washers. Split washers have a split or helical shape that creates spring tension when compressed, applying a constant force to keep the fastener tight. Toothed washers have teeth or serrations that grip the mating surfaces and prevent rotation. Spring washers are curved or wavy and provide resilience and flexibility to maintain tension. Lock washers work by increasing friction between the fastener and the mating surface, which helps prevent unintended loosening caused by vibrations or external forces. They are commonly used in industries such as automotive, construction, manufacturing, and machinery where maintaining the integrity of fastener connections is crucial for safety and reliability.

The major global manufacturers of Lock Washers include Disc-Lock, HEICO-LOCK,

Growermetal, Nord-Lock, Schnorr, ITW Shakeproof, Chin Hsing Precision Industry, Ningbo Eurotec Precision, Earnest Machine Products, OJ Precise, Midwest Acorn Nut, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Lock Washers. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Lock Washers market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Lock Washers market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Lock Washers industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Lock Washers Include:

Disc-Lock

HEICO-LOCK

Growermetal

Nord-Lock

Schnorr

ITW Shakeproof

Chin Hsing Precision Industry

Ningbo Eurotec Precision

Earnest Machine Products

OJ Precise

Midwest Acorn Nut

Lock Washers Product Segment Include:

External & Internal Star

Split

Others

Lock Washers Product Application Include:

Automotive

Machinery & Equipment

Airplane

Structural Applications

Others

Chapter Scope

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