

Global Ball Screws Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Ball Screws market size was valued at USD 2258 million in 2023 and is forecast to a readjusted size of USD 3310.4 million by 2030 with a CAGR of 5.6% during review period.

A ball screw is a mechanical linear actuator that translates rotational motion to linear motion with little friction. A threaded shaft provides a helical raceway for ball bearings which act as a precision screw. As well as being able to apply or withstand high thrust loads, they can do so with minimum internal friction. They are made to close tolerances and are therefore suitable for use in situations in which high precision is necessary.

The global key manufacturers of ball screw market are NSK, THK, SKF, Hiwin, and TBI MOTION, etc. The top five companies account for about 55% of the global market share. Asia Pacific has the largest consumption market with 60% of the market share. In terms of product, internal circulation ball screw is the largest segment, with about 63% market share.

The Global Info Research report includes an overview of the development of the Ball Screws industry chain, the market status of Semiconductor and LCD Production Equipment (Internal Circulation Ballscrew, External Circulation Ballscrew), Machine Tools and Injection Molding Machines (Internal Circulation Ballscrew, External Circulation Ballscrew), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Ball Screws.

Regionally, the report analyzes the Ball Screws markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and

increasing consumer awareness. Asia-Pacific, particularly China, leads the global Ball Screws market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Ball Screws market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Ball Screws industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Internal Circulation Ballscrew, External Circulation Ballscrew).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Ball Screws market.

Regional Analysis: The report involves examining the Ball Screws market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Ball Screws market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Ball Screws:

Company Analysis: Report covers individual Ball Screws manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Ball Screws This may involve surveys, interviews, and analysis of

consumer reviews and feedback from different by Application (Semiconductor and LCD Production Equipment, Machine Tools and Injection Molding Machines).

Technology Analysis: Report covers specific technologies relevant to Ball Screws. It assesses the current state, advancements, and potential future developments in Ball Screws areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Ball Screws market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Ball Screws market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Internal Circulation Ballscrew

External Circulation Ballscrew

Market segment by Application

Semiconductor and LCD Production Equipment

Machine Tools and Injection Molding Machines

Others

Major players covered

THK

NSK

Hiwin

SKF

Bosch Rexroth

Schaeffler

TBI MOTION

Tsubaki Nakashima

Kuroda

KSS

Nidec Sankyo

PMI

Yigong

Best Precision

ISSOKU

JTEKT Machine System

Altra Industrial Motion

Huazhu

Jiangsu Qijian Screw Rod

SBC

Qidong Haosen

TRCD

Hanjiang Machine Tool

OZAK

Donglai

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ball Screws product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ball Screws, with price, sales, revenue and global market share of Ball Screws from 2019 to 2024.

Chapter 3, the Ball Screws competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ball Screws breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Ball Screws market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ball Screws.

Chapter 14 and 15, to describe Ball Screws sales channel, distributors, customers, research findings and conclusion.

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