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US Collection

Plain Bearings: United States

May 2021



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About This Report

Scope

This report forecasts to 2025 US plain bearing demand and shipments in nominal US dollars at the manufacturer level. Total demand is segmented by market in terms of:

- machinery
- aerospace equipment
- motor vehicles
- motorcycles
- other markets such as appliances, bicycles, and boats

To illustrate historical trends, total demand is provided in annual series from 2010 to 2020; shipments and the various segments are reported at five-year intervals for 2010, 2015, and 2020.

Excluded from the scope of this report are mounted products (such as pillow block and rod end bearings); separately sold plain bearing parts; adaptor and withdrawal sleeves; flexure, fluid, and magnetic bearings; lock nuts and washers; lubricators; and retaining plates.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Plain Bearings: United States (FF70034) is based on [Global Plain Bearings](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 4 | NAICS & SIC Codes Related to Plain Bearings

| NAICS/SCIAN 2017 North American Industry Classification System | | SIC Standard Industrial Classification | |
|---|---|---|--|
| 333613 | Mechanical power transmission equipment manufacturing | 3568 | Mechanical power transmission equipment, Nec |

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and

ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Global Plain Bearings

Freedonia Industry Studies

Commercial Refrigeration Equipment

Gaskets & Seals

Global Agricultural Equipment

Global Bearings

Global Buses

Global Construction Machinery

Global Diesel Engines

Global Industrial Fasteners

Global Lubricants

Global Mining Equipment

Global Motorcycles

Global Motor Vehicle Outlook 2020

Global Off-Road Equipment Technology 2021

HVAC Equipment

Industrial Fasteners

Power Lawn & Garden Equipment

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COVID-19 Market Impact Analysis

Fabricated Metal Products: United States

Global Demographics

Global Light Vehicles

Global Macroeconomy

Global Medium- & Heavy-Duty Trucks & Buses

Lubricants: United States

Manufacturing: United States

Medium- & Heavy-Duty Trucks & Buses: United States

Motor Vehicles: United States

Motorcycles: United States

Power Transmission Components: United States

Transport Equipment: United States

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Trade Publications

BearingNEWS

Evolution

Machinery Lubrication

Machinery Magazine

Power Transmission Engineering

Processing Magazine

Agencies & Associations

American Bearing Manufacturers Association

International Organization for Standardization (ISO)

United States Census Bureau

United States International Trade Commission

World Bearing Association

World Customs Organization