

# **US Bearing Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product (Roller Bearing, Ball Bearing, and Plain Bearing), Size (Upto 30 mm, 31-40 mm, 41-50 mm, 51-60 mm, 61-70 mm, and 71 mm and Above), Application (Automotive, Agriculture, Electrical, Mining and Construction, Aerospace and Defense, and Others)**

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## **Abstracts**

The US Bearing Market size was valued at US\$ 14.04 billion in 2024 and is expected to reach US\$ 21.23 billion by 2031; it is estimated to record a CAGR of 6.20% from 2025 to 2031.

The US bearing market is strategically positioned for substantial expansion, propelled by adoption of additive manufacturing (3D Printing) for rapid prototyping and customization in bearing production. As industries increasingly demand high-performance, lightweight, and application-specific bearing solutions, manufacturers are turning to 3D printing technologies to achieve faster design iterations, cost-effective prototyping, and enhanced customization. Traditional bearing production methods often involve lengthy machining and tooling processes, which limit flexibility in design modifications and can extend time-to-market. In contrast, additive manufacturing enables bearing manufacturers to rapidly produce prototypes directly from digital models, reducing lead times and development costs while simultaneously fostering innovation in product design. This capability enables quicker validation of new materials and geometries, opening pathways for producing smaller batches tailored to specialized customer requirements.

The integration of advanced materials compatible with 3D Printing, such as high-performance polymers, metal alloys, and composites, is broadening the scope of applications for printed bearings, especially in aerospace, automotive, renewable energy, and defense sectors, where customized, lightweight, and durable solutions are in high demand. As the US bearing market continues to evolve, companies are expected to invest in hybrid manufacturing models that combine conventional methods with additive technologies to optimize both scale and flexibility. The growing emphasis on reducing supply chain bottlenecks and fostering localized production is accelerating the adoption of 3D Printing, as it allows manufacturers to produce critical bearing components closer to end users, ensuring faster turnaround and reduced dependency on global supply chains.

Additive manufacturing is likely to transform the bearing industry by enhancing customization, reducing production inefficiencies, supporting sustainability through material optimization, and enabling manufacturers to meet the increasingly complex demands of modern industrial applications. This trend positions 3D Printing as a key driver of future competitiveness in the US bearing market.

The aerospace and defense segment, segmented by application, is a critical and high-growth area within the U.S. Bearing Market. This segment underpins essential functions in aviation and military equipment, where bearings are used in engines, flight control systems, landing gears, and aerostructures. The U.S. aerospace and defense bearing market benefits from robust government defense spending, modernization of commercial fleets, and increasing aerospace manufacturing activities, supporting a steady upward trajectory. The Department of Defense's investment in precision bearing manufacturers, such as the US\$ 13.8 million contract awarded to The Timken Company in June 2023 to boost high-precision ball bearing production, highlights a strategic focus on strengthening domestic aerospace capabilities. Several factors drive growth for this segment: the aging global and U.S. aircraft fleet necessitates rising maintenance, repair, and overhaul (MRO) activities, and increasing demand for high-quality, durable bearings. The surge in military drones and unmanned aerial vehicles (UAVs), alongside expanding defense rotorcraft modernization programs, further fuels demand for specialized aerospace bearings engineered to withstand high stress, corrosion, and temperature variations. Sustainability initiatives push innovations in lightweight and corrosion-resistant materials such as fibre-reinforced composites and hybrid ceramic designs, reducing overall aircraft weight and emissions.

The Timken Co, RBC Bearings Incorporated, NSK Ltd, Schaeffler AG, SKF AB, Auburn

Bearing & Manufacturing, NTN Corp, JTEKT Corp, Scheerer Bearing Corporation, and Pacific Bearing Company are among the key US bearing market players that are profiled in this market study.

The overall US bearing market size has been derived using both primary and secondary sources. Exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the US bearing market size. The process also helps obtain an overview and forecast of the market with respect to all the market segments. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain analytical insights. This process includes industry experts such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants such as valuation experts, research analysts, and key opinion leaders, specializing in the US bearing market.

### **Reason to buy**

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players and segments in the US Bearing market.

Highlights key business priorities in order to assist companies to realign their business strategies

The key findings and recommendations highlight crucial progressive industry trends in the US Bearing market, thereby allowing players across the value chain to develop effective long-term strategies

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets

Scrutinize in-depth US Bearing market trends and outlook coupled with the factors driving the market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing and distribution

### **The List of Companies - US Bearing Market**

The Timken Co

RBC Bearings Incorporated

NSK Ltd

Schaeffler AG

SKF AB

Auburn Bearing & Manufacturing

NTN Corp

JTEKT Corp

Scheerer Bearing Corporation

Pacific Bearing Company

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