

# Needle Roller Bearing Market Business Overview, Status and Prospect, Forecast 2021–2030

---

*A needle roller bearing is a bearing that uses long and thin cylindrical rollers resembling needles.*

PORTLAND, OR, UNITED STATES, January 5, 2022 /EINPresswire.com/ -- A needle roller bearing is a bearing that uses long and thin cylindrical rollers resembling needles. They are located in the middle of two races, between a single race & shaft or between shaft & housing, depending on the design of the bearing. The needle bearings typically have rollers four times longer in diameter than standard roller bearings. Compared to ball & standard bearings, the needle roller bearings have a greater surface area in contact with races to support more significant load. There are different needle roller bearing designs, including drawn cup, precision race, caged roller, and thrust roller. The needle rollers are used in automobile components such as transmissions, torque convertors, suspensions, planetary gears, U joints, and auxiliary equipment. The drive shaft of a rear-wheel-drive vehicle typically has at least eight needle roller bearings. The general design trend today emphasizes a reduction in weight, space, and energy consumption. Needle roller bearings provide a compact solution to frictional problems with the lightweight and thin cross-section. Thus, the recent developments in technology and optimization in the geometry of components have initiated the needle roller bearing market.

Get Sample PDF@ <https://www.alliedmarketresearch.com/request-sample/15168>

Major Market Players: RBC Bearings, Suzhou Bearings, SKF, AST Bearings, Timken Company, NSK Ltd., Koyo Seiko, NTN Corporation, Schaeffler Group, and LELI SRL.

COVID-19 is an incomparable global pandemic that has affected almost every industry, including the needle roller bearing market. Nationwide lockdowns due to pandemic has interrupted domestic & international trade, which has resulted in the decrease in transportation of goods & distribution chains. The lockdowns have also resulted in the complete shutdown of production facilities due to revenue losses. The major players operating in the needle roller bearing market had suffered in production & sales owing to the stagnation in financial growth. However, before the pandemic, the manufacturers focused on product enhancements owing to the rise in vehicle sales and the use of advanced technology-based bearing for automotive components to meet the increase in demand for customized bearing solutions from different industries.

Top Impacting Factors

- Reduction in weight & low energy consumption, high load-bearing capacity, lower costs, and ability to withstand rigid with minimum frictions in machine in multiple application areas is expected to drive the needle roller bearing market.
- Volatility in raw material price, low resistance to shock loading and complex maintenance & high initial cost bearing hinder the growth of the needle roller bearing market.
- Rise in inclusion of intelligence, automation & IoT, use of needle roller bearings in the auto engine sector, and friction-optimized bearings offer growth opportunities for the needle roller bearing market.

#### High load-bearing capacity:

Needle rollers are the load-carrying component of the bearing and are the one common component that provides wide margin of safety against accidental loading. The rolling elements of the needle roller bearing have a large load-bearing surface but a small diameter. The surface area of the rollers is large and the rolling provides needle roller bearing with exceptional load capacity and stiffness. All needle roller bearings require some lubricants to reduce friction. The amount of friction is resultant from the load carried, the size of the roller, and the speed at which the bearing rotates. Furthermore, needle roller bearing with outer rings made of high-strength steels can also suppress shock & vibration. The NSK. Ltd group dispenses high-quality steel needle bearing, which is ultra-clean & extends the bearing life by up to 80%. Therefore, the needle roller bearing demand has increased in the automotive industry due to the focus on incomparable bearing quality.

Purchase Enquiry@ <https://www.alliedmarketresearch.com/purchase-enquiry/15168>

#### Key Benefits of the Report:

- This study presents the analytical depiction of the needle roller bearing market along with the current trends and future estimations to determine the imminent investment pockets.
- The report presents information related to key drivers, restraints, and opportunities along with challenges of the needle roller bearing market.
- The current market is quantitatively analyzed from 2020 to 2030 to highlight the needle roller bearing market growth scenario.
- The report provides a detailed needle roller bearing market analysis based on competitive intensity and how the competition will take shape in coming years.

#### Contact Info:

Name: David Correa

Email: [Send Email](#)

Organization: Allied Market Research

Address: 5933 NE Win Sivars Drive #205, Portland, OR 97220 United States

Phone: 1-800-792-5285

Website: <https://www.alliedmarketresearch.com/>

About Allied Market Research

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP, based in Portland, Oregon. AMR provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

AMR introduces its online premium subscription-based library Avenue, designed specifically to offer cost-effective, one-stop solution for enterprises, investors, and universities. With Avenue, subscribers can avail an entire repository of reports on more than 2,000 niche industries and more than 12,000 company profiles. Moreover, users can get an online access to quantitative and qualitative data in PDF and Excel formats along with analyst support, customization, and updated versions of reports.

David Correa  
Allied Analytics LLP  
+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/559858952>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 IPD Group, Inc. All Right Reserved.