

Clutch Disc Market Forecasts to 2032 – Global Analysis By Product (Friction Clutch Disk, Wet Clutch Disk and Dry Clutch Disk), Product Size, Material Type, Transmission Type, Vehicle Type, and By Geography

<https://marketpublishers.com/r/C2BC89A31934EN.html>

Date: July 2025

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: C2BC89A31934EN

Abstracts

According to Statistics MRC, the Global Clutch Disc Market is accounted for \$61.3 billion in 2025 and is expected to reach \$99.1 billion by 2032 growing at a CAGR of 7.1% during the forecast period. Clutch discs are critical components in manual transmission vehicles, facilitating power transfer from the engine to the transmission. Composed of friction materials like organic compounds or ceramics bonded to a metal hub, they engage and disengage to control gear shifts. Their design ensures smooth operation, durability, and heat resistance under high torque. Regular wear necessitates periodic replacement, but advanced materials enhance longevity, making clutch discs essential for efficient vehicle performance and driver control.

Market Dynamics:

Driver:

Advancements in friction materials

Significant advancements in friction materials are a primary driver for the clutch disc market. Innovations in composite materials, ceramics, and organic compounds have led to the development of clutch discs with enhanced durability, heat resistance, and improved performance characteristics. The ongoing research and development in material science are continuously pushing the boundaries of clutch disc capabilities. This allows for lighter, yet more robust, clutch discs, contributing to better fuel efficiency

and longer product lifespan. As vehicle performance demands increase, the evolution of these friction materials becomes even more critical.

Restraint:

High replacement costs

The high replacement costs associated with clutch discs act as a significant restraint on market growth. Replacing a clutch disc often involves substantial labor charges in addition to the cost of the component itself, making it an expensive maintenance procedure for vehicle owners. For many consumers, the financial burden of clutch replacement can be a deterrent, leading to deferred maintenance or opting for cheaper, lower-quality alternatives. This cost factor particularly impacts older vehicles where the replacement cost might approach a significant portion of the vehicle's market value.

Opportunity:

Hybrid vehicle clutch innovations

A notable opportunity for the clutch disc market lies in the ongoing innovations within hybrid vehicle clutch systems. As the automotive industry shifts towards electrification, hybrid vehicles still utilize clutch mechanisms for power transfer between the internal combustion engine and electric motor. This evolving landscape is driving the development of new, more efficient, and durable clutch technologies tailored for hybrid applications. The increasing production and adoption of hybrid vehicles, spurred by environmental regulations and fuel efficiency demands, create a growing niche for advanced clutch solutions.

Threat:

Counterfeit product proliferation

The proliferation of counterfeit clutch discs poses a significant threat to the legitimate market. These imitation products, often sold at lower prices, typically lack the quality, durability, and safety standards of genuine parts. The use of substandard materials and poor manufacturing processes in counterfeit discs can lead to premature failure, compromising vehicle safety and performance. This not only erodes the revenue and brand reputation of established manufacturers but also endangers consumers. Differentiating genuine products from fakes can be challenging for both mechanics and

end-users, leading to a loss of trust in the aftermarket.

Covid-19 Impact:

The COVID-19 pandemic had a mixed impact on the clutch disc market. Initially, the global lockdowns and disruptions in manufacturing and supply chains led to a decrease in vehicle production and sales, consequently reducing the demand for new clutch discs. However, as economic activities resumed, the emphasis on personal mobility and a rebound in automotive production began to stabilize the market. The increased focus on maintaining existing vehicles during uncertain times also supported the aftermarket for replacement parts, including clutch discs.

The friction clutch disk segment is expected to be the largest during the forecast period

The friction clutch disk segment is expected to account for the largest market share during the forecast period, due to its widespread use across various vehicle types, including passenger cars, commercial vehicles, and heavy machinery. The fundamental role of friction clutch discs in power transmission systems ensures their continuous demand. Their robust design and proven reliability make them an integral component in manual transmission vehicles. The consistent production of new vehicles and the substantial aftermarket for replacement parts continue to drive this segment's leading market share.

The organic segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the organic segment is predicted to witness the highest growth rate, influenced by growing environmental awareness and the demand for smoother engagement, is expected to have the highest CAGR during the forecast period. Organic clutch discs, typically made from non-metallic materials like cellulose, Kevlar, and glass fibers, offer a softer engagement and reduced noise compared to their metallic counterparts. As vehicle manufacturers increasingly focus on eco-friendly and refined driving experiences, the adoption of organic friction materials is accelerating.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to the region's massive automotive production base, particularly in countries like China, India, and Japan. The high volume of vehicles manufactured and sold in Asia Pacific translates directly into significant demand for clutch discs, both for original

equipment and aftermarket replacements. Rapid urbanization and developing infrastructure in these economies continue to fuel the demand for diverse vehicle types.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, driven by a steady demand for both new and replacement clutch discs, supported by a robust automotive industry. The increasing adoption of advanced vehicle technologies and a strong focus on vehicle maintenance contribute to this growth. The prevalence of light trucks and SUVs, which often have higher clutch replacement rates, also plays a role. Investments in manufacturing and a strong aftermarket distribution network further bolster the region's rapid expansion.

Key players in the market

Some of the key players in Clutch Disc Market include Valeo S.A., ZF Friedrichshafen AG, BorgWarner Inc., Schaeffler AG, Aisin Seiki Co., Ltd., Exedy Corporation, F.C.C. Co., Ltd., Sachs Performance (ZF Aftermarket), LUK GmbH & Co. KG, Eaton Corporation, Miba AG, Ningbo Hongxie Transmission Shaft Co., Ltd., Setco Automotive Limited, Helical Auto Technology India Pvt. Ltd., Makino Auto Industries Pvt. Ltd., Raicam Clutch Ltd., Clutch Auto Limited, Valeo Friction Materials India Private Limited, Nissin Kogyo Co., Ltd., and Tata AutoComp Systems Limited.

Key Developments:

In May 2025, Valeo S.A. introduced the i-Clutch™, an AI-optimized clutch disc for hybrid vehicles. Its self-adjusting friction technology improves fuel efficiency and reduces wear. Integrated sensors enhance performance in real-time, catering to the growing hybrid vehicle market and reinforcing Valeo's role in smart automotive solutions.

In April 2025, Schaeffler AG unveiled the EcoFriction Disc, made with 70% recycled materials. Designed for sustainable automotive applications, it maintains high performance while reducing environmental impact. Its durability suits electric and hybrid vehicles, aligning with Schaeffler's commitment to eco-friendly mobility solutions.

In March 2025, Exedy Corporation announced the HyperGrip Series, a high-performance clutch for electric vehicle drivetrains. Its advanced materials ensure superior torque transfer and heat resistance, optimizing EV performance. Targeting premium electric vehicles, it supports Exedy's expansion in the growing EV market.

Products Covered:

Friction Clutch Disk

Wet Clutch Disk

Dry Clutch Disk

Product Sizes Covered:

Less Than 200 mm

200-300 mm

300-400 mm

More Than 400 mm

Material Types Covered:

Organic

Ceramic

Kevlar

Other Material Types

Transmission Types Covered:

Manual Transmission

Automatic Transmission

Automatic Manual Transmission

Continuously Variable Transmission (CVT)

Vehicle Types Covered:

Passenger Car

Commercial Vehicle

Other Vehicle Types

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments

Clutch Disc Market Forecasts to 2032 – Global Analysis By Product (Friction Clutch Disk, Wet Clutch Disk and D...

- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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