

# Global Automotive Carbon Ceramic Brake Discs Market: Size, Trends & Forecasts (2019-2023)

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## Abstracts

### SCOPE OF THE REPORT

The report entitled "Global Automotive Carbon Ceramic Brake Discs Market: Size, Trends & Forecasts (2019-2023)" provides a comprehensive analysis of the global automotive carbon ceramic brake discs market by value, by sales channel, by vehicle type, and by region. The report provides a detailed analysis of sales channel, vehicle types and regional analysis of the automotive carbon ceramic brake discs market, including the following regions: Europe, North America, Asia-Pacific, South America, and Middle East and Africa.

Moreover, the report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global automotive carbon ceramic brake discs market has forecasted for the period 2019-2023, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Over the past few years, the automotive carbon ceramic brake discs have seen the rise of dominant market leaders in the space. The competition in the global automotive carbon ceramic brake discs market is dominated by the big players, Surface Transforms PLC, Brembo SGL Carbon Ceramic Brakes, Rotor Inc., Akebono Brake Industry Co. Ltd., Carbon Ceramics Ltd. Company profiling of these major players has also been provided in the report with their financial information and respective business strategies.

### Country Coverage

Europe

North America

Asia-Pacific

South America

Middle East and Africa (MEA)

### Company Coverage

Surface Transforms PLC

Brembo SGL Carbon Ceramic Brakes

Rotora Inc.

Akebono Brake Industry Co. Ltd.

Carbon Ceramics Ltd.

## EXECUTIVE SUMMARY

Carbon brake discs are of two types: Carbon-Carbon Brake Disc and Carbon Ceramic Brake Disc. Carbon-carbon brake discs work at elevated temperatures and do not provide consistent friction levels at low temperatures, thus not suitable for normal road use. While carbon ceramic brake discs are made from the composite material comprising of silicon carbide, resins, fibres, etc. Carbon ceramic brake discs are used exclusively in formula 1, sports and private vehicles.

Automotive carbon ceramic brake discs are segregated into two channels on the basis of sales: Original Equipment Manufacturer (OEM) and Aftermarket, where OEM is a market for the manufacture of component parts and equipment while aftermarket is a market for spare parts, components, and accessories for motor vehicles. Carbon ceramic brake discs are divided into three segments on the basis of vehicles types, which includes, Passenger Vehicles, Commercial Vehicles, and Others which comprises of motorsports vehicle.

The global automotive carbon ceramic brake discs market has shown rising trends over the years and anticipations are made that the market would grow at a rapid pace in the next four years i.e. 2019 to 2023. Growth in the market would be primarily driven by a rise in GNI per capita, growth in GDP, increased penetration of off-road vehicles, increase in demand for luxury cars, higher preferences for lightweight brakes, etc. Higher costs of the ceramic brake discs and the compatibility issues are some of the major restrains in the growth of the market. While the market follows some trends, which include passenger cars, commercial vehicles, sports utility vehicles, and growing proliferation of drive-by wire.

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