

# Global Grinding Wheels Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## **Abstracts**

According to our (Global Info Research) latest study, the global Grinding Wheels market size was valued at USD 5472.7 million in 2023 and is forecast to a readjusted size of USD 7004.7 million by 2030 with a CAGR of 3.6% during review period.

A grinding wheel is a wheel composed of an abrasive compound and used for various grinding (abrasive cutting) and abrasive machining operations. Such wheels are used in grinding machines.

The wheels are generally made from a composite material consisting of coarse-particle aggregate pressed and bonded together by a cementing matrix (called the bond in grinding wheel terminology) to form a solid, circular shape. Various profiles and cross sections are available depending on the intended usage for the wheel. They may also be made from a solid steel or aluminium disc with particles bonded to the surface. Today most grinding wheels are artificial composites made with artificial aggregates, but the history of grinding wheels began with natural composite stones, such as those used for millstones.

Global grinding wheel key manufacturers include Klingspor, 3M, Mirka Abrasives, Noritake, Saint-Gobain, Kure Grinding Wheel, Camel Grinding Wheels and Tyrolit Group. The largest manufacturer is Saint-Gobain, with a market share of 15%. The global production sites are mainly located in North America, Europe, China, Japan, Taiwan (China), India, Australia, Southeast Asia, South America, etc. In terms of product material, resinoid bond have the largest market share with 60%, followed by vitrified bond with 35%. In terms of application, the transport industry is the top application area with 38% of the market share, followed by bearings and machinery.



The Global Info Research report includes an overview of the development of the Grinding Wheels industry chain, the market status of Transport Industry (Resinoid Bond, Vitrified Bond), Bearing & Machinery (Resinoid Bond, Vitrified Bond), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Grinding Wheels.

Regionally, the report analyzes the Grinding Wheels markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Grinding Wheels market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### **Key Features:**

The report presents comprehensive understanding of the Grinding Wheels market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Grinding Wheels industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Materials (e.g., Resinoid Bond, Vitrified Bond).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Grinding Wheels market.

Regional Analysis: The report involves examining the Grinding Wheels market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Grinding Wheels market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.



The report also involves a more granular approach to Grinding Wheels:

Company Analysis: Report covers individual Grinding Wheels manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Grinding Wheels This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Transport Industry, Bearing & Machinery).

Technology Analysis: Report covers specific technologies relevant to Grinding Wheels. It assesses the current state, advancements, and potential future developments in Grinding Wheels areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Grinding Wheels market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Grinding Wheels market is split by Materials and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Materials, and by Application in terms of volume and value.

Market segment by Materials

Resinoid Bond

Vitrified Bond

Others



# Market segment by Application Transport Industry Bearing & Machinery Construction Steel Industry Oil & Gas Others Major players covered Klingspor 3M Mirka Abrasives Noritake Saint-Gobain Kure Grinding Wheel **Camel Grinding Wheels** Tyrolit Group SHIN-EI Grinding Wheels **DSA Products**

Andre Abrasive



**DK Holdings** 

**ELKA-Elastic** 

Keihin Kogyosho Co., Ltd

Northern Grinding Wheels

Hebei Sanfeng Abrasives

Hindustan Abrasives

**GRANIT Grinding Wheel Ltd** 

ATLANTIC GmbH

**AWUKO Abrasives** 

Abrasivos Manhattan SA

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Grinding Wheels product scope, market overview, market estimation caveats and base year.



Chapter 2, to profile the top manufacturers of Grinding Wheels, with price, sales, revenue and global market share of Grinding Wheels from 2019 to 2024.

Chapter 3, the Grinding Wheels competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Grinding Wheels breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Materials and application, with sales market share and growth rate by materials, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Grinding Wheels market forecast, by regions, materials and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Grinding Wheels.

Chapter 14 and 15, to describe Grinding Wheels sales channel, distributors, customers, research findings and conclusion.



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