

# Global Hard Coated Brake Discs Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/GF3B31506D0BEN.html

Date: October 2023

Pages: 125

Price: US\$ 4,480.00 (Single User License)

ID: GF3B31506D0BEN

# **Abstracts**

The global Hard Coated Brake Discs market size is expected to reach \$ 569.6 million by 2029, rising at a market growth of 8.1% CAGR during the forecast period (2023-2029).

Global key players of Hard Coated Brake Discs include Continental, TRW (ZF Friedrichshafen), Buderus, Delphi Technologies (BorgWarner) and Brembo, etc. The top five players hold a share over 55%. Europe is the largest market, has a share about 50%. In terms of product type, Tungsten Carbide Coated is the largest segment, occupied for a share of about 60%, and in terms of application, Passenger Car has a share about 90 percent.

Brake wear, tire wear, and fossil fuel combustion are the causes of severe fine particle pollution in all vehicles equipped with internal combustion engines, electric or hybrid power drives. The automotive industry needs alternative methods and technological solutions to reduce brake wear. The new hard coating process provides high-quality anticorrosion and wear-resistant hard material coatings for brake discs. When the coating configuration is optimized, it can be combined with the brake disc to achieve optimal friction matching in terms of braking performance and minimum fine particle emissions.

The braking system of passenger cars has gradually evolved from front and rear drum type to front and rear drum type, front and rear disc type, as well as better ventilation discs and even high-performance car brake discs with lines and holes. In order to improve braking force, the brake discs are made of hard alloy with a special coating, and the brake pads are compressed and bonded with various metal powders.

This report studies the global Hard Coated Brake Discs production, demand, key manufacturers, and key regions.



This report is a detailed and comprehensive analysis of the world market for Hard Coated Brake Discs, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Hard Coated Brake Discs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hard Coated Brake Discs total production and demand, 2018-2029, (Units)

Global Hard Coated Brake Discs total production value, 2018-2029, (USD Million)

Global Hard Coated Brake Discs production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Hard Coated Brake Discs consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Hard Coated Brake Discs domestic production, consumption, key domestic manufacturers and share

Global Hard Coated Brake Discs production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Hard Coated Brake Discs production by Coating Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Hard Coated Brake Discs production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Hard Coated Brake Discs market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Continental, Brembo, BPI, Zimmermann, TRW (ZF Friedrichshafen), Ferodo, EBC Brake, Delphi Technologies (BorgWarner) and Fremax, etc.

This report also provides key insights about market drivers, restraints, opportunities,



new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Hard Coated Brake Discs market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Coating Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Hard Coated Brake Discs Market, By Region:

%II%United States

%II%China

%II%Europe

%II%Japan

%II%South Korea

**%II%ASEAN** 

%ll%India

%II%Rest of World

Global Hard Coated Brake Discs Market, Segmentation by Coating Type

%II%Tungsten Carbide

%II%Aluminum Oxide

%II%Chromium Carbide



%II%Other
Global Hard Coated Brake Discs Market, Segmentation by Application
%II%Passenger Car
%II%Commercial Vehicle
Companies Profiled:
%II%Continental
%II%Brembo
%II%BPI
%II%Zimmermann
%II%TRW (ZF Friedrichshafen)
%II%Ferodo
%II%EBC Brake
%II%Delphi Technologies (BorgWarner)
%II%Fremax
%II%Textar
%II%Buderus (Bosch)
%II%Jurid
%II%Surface Transforms
%II%Centric Parts (First Brands Group)

Global Hard Coated Brake Discs Supply, Demand and Key Producers, 2023-2029

%II%Akebono Brake



%II%Wilwood Engineering %II%TMD Friction %II%Project Mu %II%DVS %II%NK (SBS Group) %II%Bendix %II%SHW Brake Systems %II%Oerlikon %II%China Shandong Gold Phoenix %II%China Shandong Longji Machinery %II%China Shandong Xinyi **Key Questions Answered** 1. How big is the global Hard Coated Brake Discs market? 2. What is the demand of the global Hard Coated Brake Discs market? 3. What is the year over year growth of the global Hard Coated Brake Discs market? 4. What is the production and production value of the global Hard Coated Brake Discs market?

5. Who are the key producers in the global Hard Coated Brake Discs market?



# **Contents**

# 1 SUPPLY SUMMARY

- 1.1 Hard Coated Brake Discs Introduction
- 1.2 World Hard Coated Brake Discs Supply & Forecast
- 1.2.1 World Hard Coated Brake Discs Production Value (2018 & 2022 & 2029)
- 1.2.2 World Hard Coated Brake Discs Production (2018-2029)
- 1.2.3 World Hard Coated Brake Discs Pricing Trends (2018-2029)
- 1.3 World Hard Coated Brake Discs Production by Region (Based on Production Site)
  - 1.3.1 World Hard Coated Brake Discs Production Value by Region (2018-2029)
  - 1.3.2 World Hard Coated Brake Discs Production by Region (2018-2029)
  - 1.3.3 World Hard Coated Brake Discs Average Price by Region (2018-2029)
  - 1.3.4 North America Hard Coated Brake Discs Production (2018-2029)
  - 1.3.5 Europe Hard Coated Brake Discs Production (2018-2029)
  - 1.3.6 China Hard Coated Brake Discs Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Hard Coated Brake Discs Market Drivers
- 1.4.2 Factors Affecting Demand
- 1.4.3 Hard Coated Brake Discs Major Market Trends

#### **2 DEMAND SUMMARY**

- 2.1 World Hard Coated Brake Discs Demand (2018-2029)
- 2.2 World Hard Coated Brake Discs Consumption by Region
- 2.2.1 World Hard Coated Brake Discs Consumption by Region (2018-2023)
- 2.2.2 World Hard Coated Brake Discs Consumption Forecast by Region (2024-2029)
- 2.3 United States Hard Coated Brake Discs Consumption (2018-2029)
- 2.4 China Hard Coated Brake Discs Consumption (2018-2029)
- 2.5 Europe Hard Coated Brake Discs Consumption (2018-2029)
- 2.6 Japan Hard Coated Brake Discs Consumption (2018-2029)
- 2.7 South Korea Hard Coated Brake Discs Consumption (2018-2029)
- 2.8 ASEAN Hard Coated Brake Discs Consumption (2018-2029)
- 2.9 India Hard Coated Brake Discs Consumption (2018-2029)

# 3 WORLD HARD COATED BRAKE DISCS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Hard Coated Brake Discs Production Value by Manufacturer (2018-2023)



- 3.2 World Hard Coated Brake Discs Production by Manufacturer (2018-2023)
- 3.3 World Hard Coated Brake Discs Average Price by Manufacturer (2018-2023)
- 3.4 Hard Coated Brake Discs Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Hard Coated Brake Discs Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Hard Coated Brake Discs in 2022
- 3.5.3 Global Concentration Ratios (CR8) for Hard Coated Brake Discs in 2022
- 3.6 Hard Coated Brake Discs Market: Overall Company Footprint Analysis
  - 3.6.1 Hard Coated Brake Discs Market: Region Footprint
  - 3.6.2 Hard Coated Brake Discs Market: Company Product Type Footprint
  - 3.6.3 Hard Coated Brake Discs Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

#### 4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Hard Coated Brake Discs Production Value Comparison
- 4.1.1 United States VS China: Hard Coated Brake Discs Production Value Comparison (2018 & 2022 & 2029)
- 4.1.2 United States VS China: Hard Coated Brake Discs Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Hard Coated Brake Discs Production Comparison
- 4.2.1 United States VS China: Hard Coated Brake Discs Production Comparison (2018 & 2022 & 2029)
- 4.2.2 United States VS China: Hard Coated Brake Discs Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Hard Coated Brake Discs Consumption Comparison
- 4.3.1 United States VS China: Hard Coated Brake Discs Consumption Comparison (2018 & 2022 & 2029)
- 4.3.2 United States VS China: Hard Coated Brake Discs Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Hard Coated Brake Discs Manufacturers and Market Share, 2018-2023
- 4.4.1 United States Based Hard Coated Brake Discs Manufacturers, Headquarters and Production Site (States, Country)



- 4.4.2 United States Based Manufacturers Hard Coated Brake Discs Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers Hard Coated Brake Discs Production (2018-2023)
- 4.5 China Based Hard Coated Brake Discs Manufacturers and Market Share
- 4.5.1 China Based Hard Coated Brake Discs Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Hard Coated Brake Discs Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Hard Coated Brake Discs Production (2018-2023)
- 4.6 Rest of World Based Hard Coated Brake Discs Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Hard Coated Brake Discs Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Hard Coated Brake Discs Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Hard Coated Brake Discs Production (2018-2023)

#### **5 MARKET ANALYSIS BY COATING TYPE**

- 5.1 World Hard Coated Brake Discs Market Size Overview by Coating Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Coating Type
  - 5.2.1 Tungsten Carbide
  - 5.2.2 Aluminum Oxide
  - 5.2.3 Chromium Carbide
  - 5.2.4 Other
- 5.3 Market Segment by Coating Type
  - 5.3.1 World Hard Coated Brake Discs Production by Coating Type (2018-2029)
  - 5.3.2 World Hard Coated Brake Discs Production Value by Coating Type (2018-2029)
- 5.3.3 World Hard Coated Brake Discs Average Price by Coating Type (2018-2029)

#### **6 MARKET ANALYSIS BY APPLICATION**

- 6.1 World Hard Coated Brake Discs Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
  - 6.2.1 Passenger Car



- 6.2.2 Commercial Vehicle
- 6.3 Market Segment by Application
  - 6.3.1 World Hard Coated Brake Discs Production by Application (2018-2029)
  - 6.3.2 World Hard Coated Brake Discs Production Value by Application (2018-2029)
  - 6.3.3 World Hard Coated Brake Discs Average Price by Application (2018-2029)

#### 7 COMPANY PROFILES

- 7.1 Continental
  - 7.1.1 Continental Details
  - 7.1.2 Continental Major Business
  - 7.1.3 Continental Hard Coated Brake Discs Product and Services
- 7.1.4 Continental Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.1.5 Continental Recent Developments/Updates
  - 7.1.6 Continental Competitive Strengths & Weaknesses
- 7.2 Brembo
  - 7.2.1 Brembo Details
  - 7.2.2 Brembo Major Business
  - 7.2.3 Brembo Hard Coated Brake Discs Product and Services
- 7.2.4 Brembo Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.2.5 Brembo Recent Developments/Updates
  - 7.2.6 Brembo Competitive Strengths & Weaknesses
- 7.3 BPI
  - 7.3.1 BPI Details
  - 7.3.2 BPI Major Business
  - 7.3.3 BPI Hard Coated Brake Discs Product and Services
- 7.3.4 BPI Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 BPI Recent Developments/Updates
  - 7.3.6 BPI Competitive Strengths & Weaknesses
- 7.4 Zimmermann
  - 7.4.1 Zimmermann Details
  - 7.4.2 Zimmermann Major Business
  - 7.4.3 Zimmermann Hard Coated Brake Discs Product and Services
- 7.4.4 Zimmermann Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Zimmermann Recent Developments/Updates



- 7.4.6 Zimmermann Competitive Strengths & Weaknesses
- 7.5 TRW (ZF Friedrichshafen)
  - 7.5.1 TRW (ZF Friedrichshafen) Details
  - 7.5.2 TRW (ZF Friedrichshafen) Major Business
  - 7.5.3 TRW (ZF Friedrichshafen) Hard Coated Brake Discs Product and Services
  - 7.5.4 TRW (ZF Friedrichshafen) Hard Coated Brake Discs Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.5.5 TRW (ZF Friedrichshafen) Recent Developments/Updates
- 7.5.6 TRW (ZF Friedrichshafen) Competitive Strengths & Weaknesses
- 7.6 Ferodo
  - 7.6.1 Ferodo Details
  - 7.6.2 Ferodo Major Business
  - 7.6.3 Ferodo Hard Coated Brake Discs Product and Services
- 7.6.4 Ferodo Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Ferodo Recent Developments/Updates
  - 7.6.6 Ferodo Competitive Strengths & Weaknesses
- 7.7 EBC Brake
  - 7.7.1 EBC Brake Details
  - 7.7.2 EBC Brake Major Business
  - 7.7.3 EBC Brake Hard Coated Brake Discs Product and Services
- 7.7.4 EBC Brake Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 EBC Brake Recent Developments/Updates
  - 7.7.6 EBC Brake Competitive Strengths & Weaknesses
- 7.8 Delphi Technologies (BorgWarner)
  - 7.8.1 Delphi Technologies (BorgWarner) Details
  - 7.8.2 Delphi Technologies (BorgWarner) Major Business
- 7.8.3 Delphi Technologies (BorgWarner) Hard Coated Brake Discs Product and Services
- 7.8.4 Delphi Technologies (BorgWarner) Hard Coated Brake Discs Production, Price,

Value, Gross Margin and Market Share (2018-2023)

- 7.8.5 Delphi Technologies (BorgWarner) Recent Developments/Updates
- 7.8.6 Delphi Technologies (BorgWarner) Competitive Strengths & Weaknesses
- 7.9 Fremax
  - 7.9.1 Fremax Details
  - 7.9.2 Fremax Major Business
  - 7.9.3 Fremax Hard Coated Brake Discs Product and Services
  - 7.9.4 Fremax Hard Coated Brake Discs Production, Price, Value, Gross Margin and



### Market Share (2018-2023)

- 7.9.5 Fremax Recent Developments/Updates
- 7.9.6 Fremax Competitive Strengths & Weaknesses
- 7.10 Textar
  - 7.10.1 Textar Details
  - 7.10.2 Textar Major Business
  - 7.10.3 Textar Hard Coated Brake Discs Product and Services
- 7.10.4 Textar Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Textar Recent Developments/Updates
  - 7.10.6 Textar Competitive Strengths & Weaknesses
- 7.11 Buderus (Bosch)
  - 7.11.1 Buderus (Bosch) Details
  - 7.11.2 Buderus (Bosch) Major Business
  - 7.11.3 Buderus (Bosch) Hard Coated Brake Discs Product and Services
- 7.11.4 Buderus (Bosch) Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Buderus (Bosch) Recent Developments/Updates
  - 7.11.6 Buderus (Bosch) Competitive Strengths & Weaknesses
- 7.12 Jurid
  - 7.12.1 Jurid Details
  - 7.12.2 Jurid Major Business
  - 7.12.3 Jurid Hard Coated Brake Discs Product and Services
- 7.12.4 Jurid Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Jurid Recent Developments/Updates
  - 7.12.6 Jurid Competitive Strengths & Weaknesses
- 7.13 Surface Transforms
  - 7.13.1 Surface Transforms Details
  - 7.13.2 Surface Transforms Major Business
  - 7.13.3 Surface Transforms Hard Coated Brake Discs Product and Services
- 7.13.4 Surface Transforms Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Surface Transforms Recent Developments/Updates
  - 7.13.6 Surface Transforms Competitive Strengths & Weaknesses
- 7.14 Centric Parts (First Brands Group)
  - 7.14.1 Centric Parts (First Brands Group) Details
  - 7.14.2 Centric Parts (First Brands Group) Major Business
- 7.14.3 Centric Parts (First Brands Group) Hard Coated Brake Discs Product and



#### Services

- 7.14.4 Centric Parts (First Brands Group) Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 Centric Parts (First Brands Group) Recent Developments/Updates
- 7.14.6 Centric Parts (First Brands Group) Competitive Strengths & Weaknesses
- 7.15 Akebono Brake
  - 7.15.1 Akebono Brake Details
  - 7.15.2 Akebono Brake Major Business
  - 7.15.3 Akebono Brake Hard Coated Brake Discs Product and Services
- 7.15.4 Akebono Brake Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Akebono Brake Recent Developments/Updates
  - 7.15.6 Akebono Brake Competitive Strengths & Weaknesses
- 7.16 Wilwood Engineering
  - 7.16.1 Wilwood Engineering Details
  - 7.16.2 Wilwood Engineering Major Business
  - 7.16.3 Wilwood Engineering Hard Coated Brake Discs Product and Services
- 7.16.4 Wilwood Engineering Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Wilwood Engineering Recent Developments/Updates
  - 7.16.6 Wilwood Engineering Competitive Strengths & Weaknesses
- 7.17 TMD Friction
  - 7.17.1 TMD Friction Details
  - 7.17.2 TMD Friction Major Business
  - 7.17.3 TMD Friction Hard Coated Brake Discs Product and Services
- 7.17.4 TMD Friction Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.17.5 TMD Friction Recent Developments/Updates
  - 7.17.6 TMD Friction Competitive Strengths & Weaknesses
- 7.18 Project Mu
  - 7.18.1 Project Mu Details
  - 7.18.2 Project Mu Major Business
  - 7.18.3 Project Mu Hard Coated Brake Discs Product and Services
- 7.18.4 Project Mu Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.18.5 Project Mu Recent Developments/Updates
  - 7.18.6 Project Mu Competitive Strengths & Weaknesses
- 7.19 DVS
- 7.19.1 DVS Details



- 7.19.2 DVS Major Business
- 7.19.3 DVS Hard Coated Brake Discs Product and Services
- 7.19.4 DVS Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.19.5 DVS Recent Developments/Updates
- 7.19.6 DVS Competitive Strengths & Weaknesses
- 7.20 NK (SBS Group)
  - 7.20.1 NK (SBS Group) Details
  - 7.20.2 NK (SBS Group) Major Business
  - 7.20.3 NK (SBS Group) Hard Coated Brake Discs Product and Services
- 7.20.4 NK (SBS Group) Hard Coated Brake Discs Production, Price, Value, Gross
- Margin and Market Share (2018-2023)
- 7.20.5 NK (SBS Group) Recent Developments/Updates
- 7.20.6 NK (SBS Group) Competitive Strengths & Weaknesses
- 7.21 Bendix
  - 7.21.1 Bendix Details
  - 7.21.2 Bendix Major Business
  - 7.21.3 Bendix Hard Coated Brake Discs Product and Services
- 7.21.4 Bendix Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.21.5 Bendix Recent Developments/Updates
  - 7.21.6 Bendix Competitive Strengths & Weaknesses
- 7.22 SHW Brake Systems
  - 7.22.1 SHW Brake Systems Details
  - 7.22.2 SHW Brake Systems Major Business
  - 7.22.3 SHW Brake Systems Hard Coated Brake Discs Product and Services
- 7.22.4 SHW Brake Systems Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.22.5 SHW Brake Systems Recent Developments/Updates
  - 7.22.6 SHW Brake Systems Competitive Strengths & Weaknesses
- 7.23 Oerlikon
  - 7.23.1 Oerlikon Details
  - 7.23.2 Oerlikon Major Business
  - 7.23.3 Oerlikon Hard Coated Brake Discs Product and Services
- 7.23.4 Oerlikon Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.23.5 Oerlikon Recent Developments/Updates
  - 7.23.6 Oerlikon Competitive Strengths & Weaknesses
- 7.24 China Shandong Gold Phoenix



- 7.24.1 China Shandong Gold Phoenix Details
- 7.24.2 China Shandong Gold Phoenix Major Business
- 7.24.3 China Shandong Gold Phoenix Hard Coated Brake Discs Product and Services
- 7.24.4 China Shandong Gold Phoenix Hard Coated Brake Discs Production, Price,

Value, Gross Margin and Market Share (2018-2023)

- 7.24.5 China Shandong Gold Phoenix Recent Developments/Updates
- 7.24.6 China Shandong Gold Phoenix Competitive Strengths & Weaknesses
- 7.25 China Shandong Longji Machinery
  - 7.25.1 China Shandong Longji Machinery Details
  - 7.25.2 China Shandong Longji Machinery Major Business
- 7.25.3 China Shandong Longji Machinery Hard Coated Brake Discs Product and Services
- 7.25.4 China Shandong Longji Machinery Hard Coated Brake Discs Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.25.5 China Shandong Longji Machinery Recent Developments/Updates
- 7.25.6 China Shandong Longji Machinery Competitive Strengths & Weaknesses
- 7.26 China Shandong Xinyi
  - 7.26.1 China Shandong Xinyi Details
  - 7.26.2 China Shandong Xinyi Major Business
- 7.26.3 China Shandong Xinyi Hard Coated Brake Discs Product and Services
- 7.26.4 China Shandong Xinyi Hard Coated Brake Discs Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.26.5 China Shandong Xinyi Recent Developments/Updates
- 7.26.6 China Shandong Xinyi Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Hard Coated Brake Discs Industry Chain
- 8.2 Hard Coated Brake Discs Upstream Analysis
  - 8.2.1 Hard Coated Brake Discs Core Raw Materials
- 8.2.2 Main Manufacturers of Hard Coated Brake Discs Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Hard Coated Brake Discs Production Mode
- 8.6 Hard Coated Brake Discs Procurement Model
- 8.7 Hard Coated Brake Discs Industry Sales Model and Sales Channels
  - 8.7.1 Hard Coated Brake Discs Sales Model
  - 8.7.2 Hard Coated Brake Discs Typical Customers



# 9 RESEARCH FINDINGS AND CONCLUSION

# **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

- Table 1. World Hard Coated Brake Discs Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Hard Coated Brake Discs Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Hard Coated Brake Discs Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Hard Coated Brake Discs Production Value Market Share by Region (2018-2023)
- Table 5. World Hard Coated Brake Discs Production Value Market Share by Region (2024-2029)
- Table 6. World Hard Coated Brake Discs Production by Region (2018-2023) & (Units)
- Table 7. World Hard Coated Brake Discs Production by Region (2024-2029) & (Units)
- Table 8. World Hard Coated Brake Discs Production Market Share by Region (2018-2023)
- Table 9. World Hard Coated Brake Discs Production Market Share by Region (2024-2029)
- Table 10. World Hard Coated Brake Discs Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Hard Coated Brake Discs Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Hard Coated Brake Discs Major Market Trends
- Table 13. World Hard Coated Brake Discs Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)
- Table 14. World Hard Coated Brake Discs Consumption by Region (2018-2023) & (Units)
- Table 15. World Hard Coated Brake Discs Consumption Forecast by Region (2024-2029) & (Units)
- Table 16. World Hard Coated Brake Discs Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Hard Coated Brake Discs Producers in 2022
- Table 18. World Hard Coated Brake Discs Production by Manufacturer (2018-2023) & (Units)
- Table 19. Production Market Share of Key Hard Coated Brake Discs Producers in 2022
- Table 20. World Hard Coated Brake Discs Average Price by Manufacturer (2018-2023)



# & (US\$/Unit)

- Table 21. Global Hard Coated Brake Discs Company Evaluation Quadrant
- Table 22. World Hard Coated Brake Discs Industry Rank of Major Manufacturers,
- Based on Production Value in 2022
- Table 23. Head Office and Hard Coated Brake Discs Production Site of Key Manufacturer
- Table 24. Hard Coated Brake Discs Market: Company Product Type Footprint
- Table 25. Hard Coated Brake Discs Market: Company Product Application Footprint
- Table 26. Hard Coated Brake Discs Competitive Factors
- Table 27. Hard Coated Brake Discs New Entrant and Capacity Expansion Plans
- Table 28. Hard Coated Brake Discs Mergers & Acquisitions Activity
- Table 29. United States VS China Hard Coated Brake Discs Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China Hard Coated Brake Discs Production Comparison, (2018 & 2022 & 2029) & (Units)
- Table 31. United States VS China Hard Coated Brake Discs Consumption Comparison, (2018 & 2022 & 2029) & (Units)
- Table 32. United States Based Hard Coated Brake Discs Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Hard Coated Brake Discs Production Value, (2018-2023) & (USD Million)
- Table 34. United States Based Manufacturers Hard Coated Brake Discs Production Value Market Share (2018-2023)
- Table 35. United States Based Manufacturers Hard Coated Brake Discs Production (2018-2023) & (Units)
- Table 36. United States Based Manufacturers Hard Coated Brake Discs Production Market Share (2018-2023)
- Table 37. China Based Hard Coated Brake Discs Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Hard Coated Brake Discs Production Value, (2018-2023) & (USD Million)
- Table 39. China Based Manufacturers Hard Coated Brake Discs Production Value Market Share (2018-2023)
- Table 40. China Based Manufacturers Hard Coated Brake Discs Production (2018-2023) & (Units)
- Table 41. China Based Manufacturers Hard Coated Brake Discs Production Market Share (2018-2023)
- Table 42. Rest of World Based Hard Coated Brake Discs Manufacturers, Headquarters and Production Site (States, Country)



Table 43. Rest of World Based Manufacturers Hard Coated Brake Discs Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Hard Coated Brake Discs Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Hard Coated Brake Discs Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Hard Coated Brake Discs Production Market Share (2018-2023)

Table 47. World Hard Coated Brake Discs Production Value by Coating Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Hard Coated Brake Discs Production by Coating Type (2018-2023) & (Units)

Table 49. World Hard Coated Brake Discs Production by Coating Type (2024-2029) & (Units)

Table 50. World Hard Coated Brake Discs Production Value by Coating Type (2018-2023) & (USD Million)

Table 51. World Hard Coated Brake Discs Production Value by Coating Type (2024-2029) & (USD Million)

Table 52. World Hard Coated Brake Discs Average Price by Coating Type (2018-2023) & (US\$/Unit)

Table 53. World Hard Coated Brake Discs Average Price by Coating Type (2024-2029) & (US\$/Unit)

Table 54. World Hard Coated Brake Discs Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Hard Coated Brake Discs Production by Application (2018-2023) & (Units)

Table 56. World Hard Coated Brake Discs Production by Application (2024-2029) & (Units)

Table 57. World Hard Coated Brake Discs Production Value by Application (2018-2023) & (USD Million)

Table 58. World Hard Coated Brake Discs Production Value by Application (2024-2029) & (USD Million)

Table 59. World Hard Coated Brake Discs Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Hard Coated Brake Discs Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Continental Basic Information, Manufacturing Base and Competitors

Table 62. Continental Major Business

Table 63. Continental Hard Coated Brake Discs Product and Services



Table 64. Continental Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Continental Recent Developments/Updates

Table 66. Continental Competitive Strengths & Weaknesses

Table 67. Brembo Basic Information, Manufacturing Base and Competitors

Table 68. Brembo Major Business

Table 69. Brembo Hard Coated Brake Discs Product and Services

Table 70. Brembo Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Brembo Recent Developments/Updates

Table 72. Brembo Competitive Strengths & Weaknesses

Table 73. BPI Basic Information, Manufacturing Base and Competitors

Table 74. BPI Major Business

Table 75. BPI Hard Coated Brake Discs Product and Services

Table 76. BPI Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. BPI Recent Developments/Updates

Table 78. BPI Competitive Strengths & Weaknesses

Table 79. Zimmermann Basic Information, Manufacturing Base and Competitors

Table 80. Zimmermann Major Business

Table 81. Zimmermann Hard Coated Brake Discs Product and Services

Table 82. Zimmermann Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Zimmermann Recent Developments/Updates

Table 84. Zimmermann Competitive Strengths & Weaknesses

Table 85. TRW (ZF Friedrichshafen) Basic Information, Manufacturing Base and Competitors

Table 86. TRW (ZF Friedrichshafen) Major Business

Table 87. TRW (ZF Friedrichshafen) Hard Coated Brake Discs Product and Services

Table 88. TRW (ZF Friedrichshafen) Hard Coated Brake Discs Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 89. TRW (ZF Friedrichshafen) Recent Developments/Updates

Table 90. TRW (ZF Friedrichshafen) Competitive Strengths & Weaknesses

Table 91. Ferodo Basic Information, Manufacturing Base and Competitors

Table 92. Ferodo Major Business

Table 93. Ferodo Hard Coated Brake Discs Product and Services

Table 94. Ferodo Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)



- Table 95. Ferodo Recent Developments/Updates
- Table 96. Ferodo Competitive Strengths & Weaknesses
- Table 97. EBC Brake Basic Information, Manufacturing Base and Competitors
- Table 98. EBC Brake Major Business
- Table 99. EBC Brake Hard Coated Brake Discs Product and Services
- Table 100. EBC Brake Hard Coated Brake Discs Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. EBC Brake Recent Developments/Updates
- Table 102. EBC Brake Competitive Strengths & Weaknesses
- Table 103. Delphi Technologies (BorgWarner) Basic Information, Manufacturing Base and Competitors
- Table 104. Delphi Technologies (BorgWarner) Major Business
- Table 105. Delphi Technologies (BorgWarner) Hard Coated Brake Discs Product and Services
- Table 106. Delphi Technologies (BorgWarner) Hard Coated Brake Discs Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Delphi Technologies (BorgWarner) Recent Developments/Updates
- Table 108. Delphi Technologies (BorgWarner) Competitive Strengths & Weaknesses
- Table 109. Fremax Basic Information, Manufacturing Base and Competitors
- Table 110. Fremax Major Business
- Table 111. Fremax Hard Coated Brake Discs Product and Services
- Table 112. Fremax Hard Coated Brake Discs Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Fremax Recent Developments/Updates
- Table 114. Fremax Competitive Strengths & Weaknesses
- Table 115. Textar Basic Information, Manufacturing Base and Competitors
- Table 116. Textar Major Business
- Table 117. Textar Hard Coated Brake Discs Product and Services
- Table 118. Textar Hard Coated Brake Discs Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Textar Recent Developments/Updates
- Table 120. Textar Competitive Strengths & Weaknesses
- Table 121. Buderus (Bosch) Basic Information, Manufacturing Base and Competitors
- Table 122. Buderus (Bosch) Major Business
- Table 123. Buderus (Bosch) Hard Coated Brake Discs Product and Services
- Table 124. Buderus (Bosch) Hard Coated Brake Discs Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)



- Table 125. Buderus (Bosch) Recent Developments/Updates
- Table 126. Buderus (Bosch) Competitive Strengths & Weaknesses
- Table 127. Jurid Basic Information, Manufacturing Base and Competitors
- Table 128. Jurid Major Business
- Table 129. Jurid Hard Coated Brake Discs Product and Services
- Table 130. Jurid Hard Coated Brake Discs Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Jurid Recent Developments/Updates
- Table 132. Jurid Competitive Strengths & Weaknesses
- Table 133. Surface Transforms Basic Information, Manufacturing Base and Competitors
- Table 134. Surface Transforms Major Business
- Table 135. Surface Transforms Hard Coated Brake Discs Product and Services
- Table 136. Surface Transforms Hard Coated Brake Discs Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Surface Transforms Recent Developments/Updates
- Table 138. Surface Transforms Competitive Strengths & Weaknesses
- Table 139. Centric Parts (First Brands Group) Basic Information, Manufacturing Base and Competitors
- Table 140. Centric Parts (First Brands Group) Major Business
- Table 141. Centric Parts (First Brands Group) Hard Coated Brake Discs Product and Services
- Table 142. Centric Parts (First Brands Group) Hard Coated Brake Discs Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Centric Parts (First Brands Group) Recent Developments/Updates
- Table 144. Centric Parts (First Brands Group) Competitive Strengths & Weaknesses
- Table 145. Akebono Brake Basic Information, Manufacturing Base and Competitors
- Table 146. Akebono Brake Major Business
- Table 147. Akebono Brake Hard Coated Brake Discs Product and Services
- Table 148. Akebono Brake Hard Coated Brake Discs Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. Akebono Brake Recent Developments/Updates
- Table 150. Akebono Brake Competitive Strengths & Weaknesses
- Table 151. Wilwood Engineering Basic Information, Manufacturing Base and Competitors
- Table 152. Wilwood Engineering Major Business
- Table 153. Wilwood Engineering Hard Coated Brake Discs Product and Services



Table 154. Wilwood Engineering Hard Coated Brake Discs Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Wilwood Engineering Recent Developments/Updates

Table 156. Wilwood Engineering Competitive Strengths & Weaknesses

Table 157. TMD Friction Basic Information, Manufacturing Base and Competitors

Table 158. TMD Friction Major Business

Table 159. TMD Friction Hard Coated Brake Discs Product and Services

Table 160. TMD Friction Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. TMD Friction Recent Developments/Updates

Table 162. TMD Friction Competitive Strengths & Weaknesses

Table 163. Project Mu Basic Information, Manufacturing Base and Competitors

Table 164. Project Mu Major Business

Table 165. Project Mu Hard Coated Brake Discs Product and Services

Table 166. Project Mu Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Project Mu Recent Developments/Updates

Table 168. Project Mu Competitive Strengths & Weaknesses

Table 169. DVS Basic Information, Manufacturing Base and Competitors

Table 170. DVS Major Business

Table 171. DVS Hard Coated Brake Discs Product and Services

Table 172. DVS Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. DVS Recent Developments/Updates

Table 174. DVS Competitive Strengths & Weaknesses

Table 175. NK (SBS Group) Basic Information, Manufacturing Base and Competitors

Table 176. NK (SBS Group) Major Business

Table 177. NK (SBS Group) Hard Coated Brake Discs Product and Services

Table 178. NK (SBS Group) Hard Coated Brake Discs Production (Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 179. NK (SBS Group) Recent Developments/Updates

Table 180. NK (SBS Group) Competitive Strengths & Weaknesses

Table 181. Bendix Basic Information, Manufacturing Base and Competitors

Table 182. Bendix Major Business

Table 183. Bendix Hard Coated Brake Discs Product and Services

Table 184. Bendix Hard Coated Brake Discs Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)



- Table 185. Bendix Recent Developments/Updates
- Table 186. Bendix Competitive Strengths & Weaknesses
- Table 187. SHW Brake Systems Basic Information, Manufacturing Base and Competitors
- Table 188. SHW Brake Systems Major Business
- Table 189. SHW Brake Systems Hard Coated Brake Discs Product and Services
- Table 190. SHW Brake Systems Hard Coated Brake Discs Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 191. SHW Brake Systems Recent Developments/Updates
- Table 192. SHW Brake Systems Competitive Strengths & Weaknesses
- Table 193. Oerlikon Basic Information, Manufacturing Base and Competitors
- Table 194. Oerlikon Major Business
- Table 195. Oerlikon Hard Coated Brake Discs Product and Services
- Table 196. Oerlikon Hard Coated Brake Discs Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 197. Oerlikon Recent Developments/Updates
- Table 198. Oerlikon Competitive Strengths & Weaknesses
- Table 199. China Shandong Gold Phoenix Basic Information, Manufacturing Base and Competitors
- Table 200. China Shandong Gold Phoenix Major Business
- Table 201. China Shandong Gold Phoenix Hard Coated Brake Discs Product and Services
- Table 202. China Shandong Gold Phoenix Hard Coated Brake Discs Production (Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 203. China Shandong Gold Phoenix Recent Developments/Updates
- Table 204. China Shandong Gold Phoenix Competitive Strengths & Weaknesses
- Table 205. China Shandong Longji Machinery Basic Information, Manufacturing Base and Competitors
- Table 206. China Shandong Longji Machinery Major Business
- Table 207. China Shandong Longji Machinery Hard Coated Brake Discs Product and Services
- Table 208. China Shandong Longji Machinery Hard Coated Brake Discs Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 209. China Shandong Longji Machinery Recent Developments/Updates
- Table 210. China Shandong Xinyi Basic Information, Manufacturing Base and Competitors



- Table 211. China Shandong Xinyi Major Business
- Table 212. China Shandong Xinyi Hard Coated Brake Discs Product and Services
- Table 213. China Shandong Xinyi Hard Coated Brake Discs Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 214. Global Key Players of Hard Coated Brake Discs Upstream (Raw Materials)
- Table 215. Hard Coated Brake Discs Typical Customers
- Table 216. Hard Coated Brake Discs Typical Distributors

List of Figure

- Figure 1. Hard Coated Brake Discs Picture
- Figure 2. World Hard Coated Brake Discs Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Hard Coated Brake Discs Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Hard Coated Brake Discs Production (2018-2029) & (Units)
- Figure 5. World Hard Coated Brake Discs Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Hard Coated Brake Discs Production Value Market Share by Region (2018-2029)
- Figure 7. World Hard Coated Brake Discs Production Market Share by Region (2018-2029)
- Figure 8. North America Hard Coated Brake Discs Production (2018-2029) & (Units)
- Figure 9. Europe Hard Coated Brake Discs Production (2018-2029) & (Units)
- Figure 10. China Hard Coated Brake Discs Production (2018-2029) & (Units)
- Figure 11. Hard Coated Brake Discs Market Drivers
- Figure 12. Factors Affecting Demand
- Figure 13. World Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 14. World Hard Coated Brake Discs Consumption Market Share by Region (2018-2029)
- Figure 15. United States Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 16. China Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 17. Europe Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 18. Japan Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 19. South Korea Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 20. ASEAN Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 21. India Hard Coated Brake Discs Consumption (2018-2029) & (Units)
- Figure 22. Producer Shipments of Hard Coated Brake Discs by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 23. Global Four-firm Concentration Ratios (CR4) for Hard Coated Brake Discs Markets in 2022



Figure 24. Global Four-firm Concentration Ratios (CR8) for Hard Coated Brake Discs Markets in 2022

Figure 25. United States VS China: Hard Coated Brake Discs Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 26. United States VS China: Hard Coated Brake Discs Production Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Hard Coated Brake Discs Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States Based Manufacturers Hard Coated Brake Discs Production Market Share 2022

Figure 29. China Based Manufacturers Hard Coated Brake Discs Production Market Share 2022

Figure 30. Rest of World Based Manufacturers Hard Coated Brake Discs Production Market Share 2022

Figure 31. World Hard Coated Brake Discs Production Value by Coating Type, (USD Million), 2018 & 2022 & 2029

Figure 32. World Hard Coated Brake Discs Production Value Market Share by Coating Type in 2022

Figure 33. Tungsten Carbide

Figure 34. Aluminum Oxide

Figure 35. Chromium Carbide

Figure 36. Other

Figure 37. World Hard Coated Brake Discs Production Market Share by Coating Type (2018-2029)

Figure 38. World Hard Coated Brake Discs Production Value Market Share by Coating Type (2018-2029)

Figure 39. World Hard Coated Brake Discs Average Price by Coating Type (2018-2029) & (US\$/Unit)

Figure 40. World Hard Coated Brake Discs Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Hard Coated Brake Discs Production Value Market Share by Application in 2022

Figure 42. Passenger Car

Figure 43. Commercial Vehicle

Figure 44. World Hard Coated Brake Discs Production Market Share by Application (2018-2029)

Figure 45. World Hard Coated Brake Discs Production Value Market Share by Application (2018-2029)

Figure 46. World Hard Coated Brake Discs Average Price by Application (2018-2029) &



# (US\$/Unit)

- Figure 47. Hard Coated Brake Discs Industry Chain
- Figure 48. Hard Coated Brake Discs Procurement Model
- Figure 49. Hard Coated Brake Discs Sales Model
- Figure 50. Hard Coated Brake Discs Sales Channels, Direct Sales, and Distribution
- Figure 51. Methodology
- Figure 52. Research Process and Data Source



#### I would like to order

Product name: Global Hard Coated Brake Discs Supply, Demand and Key Producers, 2023-2029

Product link: https://marketpublishers.com/r/GF3B31506D0BEN.html

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/GF3B31506D0BEN.html">https://marketpublishers.com/r/GF3B31506D0BEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970