

# Global High-Speed Rail Brake Disc Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GD8C6E0D8DF7EN.html>

Date: January 2026

Pages: 123

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

ID: GD8C6E0D8DF7EN

## Abstracts

The global High-Speed Rail Brake Disc market size is expected to reach \$ 1042 million by 2032, rising at a market growth of 3.8% CAGR during the forecast period (2026-2032).

High-speed rail brake discs are the friction linings mounted on a steel backing plate and clamped by a brake caliper against a rotating brake disc to slow or stop a high-speed train by converting kinetic energy into heat. Because braking energy and temperatures can be extremely high at speed, these pads are engineered for stable friction performance, strong fade and thermal shock resistance, controlled wear, low noise and vibration, and minimal damage to the disc surface, while still delivering consistent braking in dry, wet, and varying load conditions. In commercial practice they are most commonly disc-brake pads made from either resin-bonded composite materials or sintered metallic materials, selected to match the train's speed class, duty cycle, and braking strategy. The product has an annual sales volume of approximately 3 million units, with an average selling price of approximately \$200-\$500 per unit.

High-speed rail brake discs sit in a supply chain that starts upstream with steel backing plates and friction-material constituents—either resin-bonded composite ingredients or metallic powders for sintered formulations—followed by specialized manufacturing such as hot pressing/curing (organic) or powder metallurgy and sintering (metallic), then bonding/riveting, machining, and surface finishing to meet tight thickness, flatness, and friction requirements; because they are safety-critical wear parts, this upstream stage also includes heavy process control, traceability, dynamometer validation, and qualification/certification. Downstream, pads are selected and qualified by train OEMs and brake-system integrators for new-build programs, then purchased repeatedly by rail operators and maintenance depots as consumables through scheduled inspection and replacement cycles, often under long-term service agreements and fleet-standard part numbers to ensure consistent braking performance across vehicles and routes.

High-speed rail brake discs are a safety-critical consumable market where purchasing decisions are strongly shaped by qualification regimes and reliability expectations, so suppliers compete less on generic friction material and more on proven performance, traceability, and certification status for specific service categories and duty cycles. Commercially, demand is anchored by two steady streams: new high-speed fleet deliveries that require pad types validated for the train's braking energy and disc interface, and a recurring aftermarket driven by predictable wear replacement and overhaul programs. At the same time, the market is moving toward higher value formulations and system optimization as operators push for longer life, stable friction under high thermal loads, and lower noise and disc wear, while regulators and public stakeholders increase scrutiny of non-exhaust particulate emissions from braking, prompting R&D into lower-emission pad materials and better friction-pair management. Finally, adoption of condition monitoring and data-driven maintenance is making pad wear and performance more measurable, which can shift buying toward suppliers that can demonstrate consistency, predictive maintenance compatibility, and lower lifecycle cost rather than just unit price.

This report studies the global High-Speed Rail Brake Disc production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High-Speed Rail Brake Disc and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of High-Speed Rail Brake Disc that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global High-Speed Rail Brake Disc total production and demand, 2021-2032, (K Units)

Global High-Speed Rail Brake Disc total production value, 2021-2032, (USD Million)

Global High-Speed Rail Brake Disc production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global High-Speed Rail Brake Disc consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: High-Speed Rail Brake Disc domestic production, consumption, key domestic manufacturers and share

Global High-Speed Rail Brake Disc production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global High-Speed Rail Brake Disc production by Material, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global High-Speed Rail Brake Disc production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global High-Speed Rail Brake Disc 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 Knorr-Bremse, Wabtec, Beijing Tianyishangjia High-tech Materials, Akebono Brake Industry, Bremser, Tribo, Escorts, CRRC Qishuyan, Alstom Flertex, Dellner Frimatrail Frenoplast, 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 High-Speed Rail Brake Disc market

**Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Material, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global High-Speed Rail Brake Disc Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High-Speed Rail Brake Disc Market, Segmentation by Material:

Synthetic Materials

Powder Metallurgy Materials

Composite Materials

Global High-Speed Rail Brake Disc Market, Segmentation by Type:

Axle-mounted Type

Wheel-mounted Type

Global High-Speed Rail Brake Disc Market, Segmentation by Market:

OEM

Aftermarket

Global High-Speed Rail Brake Disc Market, Segmentation by Application:

Above 250km/h

150-250km/h

Below 150km/h

### **Companies Profiled:**

Knorr?Bremse

Wabtec

Beijing Tianyishangjia High-tech Materials

Akebono Brake Industry

Bremskerl

Tribo

Escorts

CRRC Qishuyan

Alstom Flertex

Dellner Frimatrail Frenoplast

Masu Brakes

Guangdong Huatie Tongda High-speed Railway Equipment

Youcaitec Material

Beijing Puran Railway Braking High-tech

**Key Questions Answered:**

1. How big is the global High-Speed Rail Brake Disc market?
2. What is the demand of the global High-Speed Rail Brake Disc market?
3. What is the year over year growth of the global High-Speed Rail Brake Disc market?
4. What is the production and production value of the global High-Speed Rail Brake Disc market?
5. Who are the key producers in the global High-Speed Rail Brake Disc market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 High-Speed Rail Brake Disc Introduction
- 1.2 World High-Speed Rail Brake Disc Supply & Forecast
  - 1.2.1 World High-Speed Rail Brake Disc Production Value (2021 & 2025 & 2032)
  - 1.2.2 World High-Speed Rail Brake Disc Production (2021-2032)
  - 1.2.3 World High-Speed Rail Brake Disc Pricing Trends (2021-2032)
- 1.3 World High-Speed Rail Brake Disc Production by Region (Based on Production Site)
  - 1.3.1 World High-Speed Rail Brake Disc Production Value by Region (2021-2032)
  - 1.3.2 World High-Speed Rail Brake Disc Production by Region (2021-2032)
  - 1.3.3 World High-Speed Rail Brake Disc Average Price by Region (2021-2032)
  - 1.3.4 North America High-Speed Rail Brake Disc Production (2021-2032)
  - 1.3.5 Europe High-Speed Rail Brake Disc Production (2021-2032)
  - 1.3.6 China High-Speed Rail Brake Disc Production (2021-2032)
  - 1.3.7 Japan High-Speed Rail Brake Disc Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 High-Speed Rail Brake Disc Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 High-Speed Rail Brake Disc Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World High-Speed Rail Brake Disc Demand (2021-2032)
- 2.2 World High-Speed Rail Brake Disc Consumption by Region
  - 2.2.1 World High-Speed Rail Brake Disc Consumption by Region (2021-2026)
  - 2.2.2 World High-Speed Rail Brake Disc Consumption Forecast by Region (2027-2032)
- 2.3 United States High-Speed Rail Brake Disc Consumption (2021-2032)
- 2.4 China High-Speed Rail Brake Disc Consumption (2021-2032)
- 2.5 Europe High-Speed Rail Brake Disc Consumption (2021-2032)
- 2.6 Japan High-Speed Rail Brake Disc Consumption (2021-2032)
- 2.7 South Korea High-Speed Rail Brake Disc Consumption (2021-2032)
- 2.8 ASEAN High-Speed Rail Brake Disc Consumption (2021-2032)
- 2.9 India High-Speed Rail Brake Disc Consumption (2021-2032)

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World High-Speed Rail Brake Disc Production Value by Manufacturer (2021-2026)
- 3.2 World High-Speed Rail Brake Disc Production by Manufacturer (2021-2026)
- 3.3 World High-Speed Rail Brake Disc Average Price by Manufacturer (2021-2026)
- 3.4 High-Speed Rail Brake Disc Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global High-Speed Rail Brake Disc Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for High-Speed Rail Brake Disc in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for High-Speed Rail Brake Disc in 2025
- 3.6 High-Speed Rail Brake Disc Market: Overall Company Footprint Analysis
  - 3.6.1 High-Speed Rail Brake Disc Market: Region Footprint
  - 3.6.2 High-Speed Rail Brake Disc Market: Company Product Type Footprint
  - 3.6.3 High-Speed Rail Brake Disc 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: High-Speed Rail Brake Disc Production Value Comparison
  - 4.1.1 United States VS China: High-Speed Rail Brake Disc Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: High-Speed Rail Brake Disc Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: High-Speed Rail Brake Disc Production Comparison
  - 4.2.1 United States VS China: High-Speed Rail Brake Disc Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: High-Speed Rail Brake Disc Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: High-Speed Rail Brake Disc Consumption Comparison
  - 4.3.1 United States VS China: High-Speed Rail Brake Disc Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: High-Speed Rail Brake Disc Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based High-Speed Rail Brake Disc Manufacturers and Market Share, 2021-2026

4.4.1 United States Based High-Speed Rail Brake Disc Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High-Speed Rail Brake Disc Production Value (2021-2026)

4.4.3 United States Based Manufacturers High-Speed Rail Brake Disc Production (2021-2026)

4.5 China Based High-Speed Rail Brake Disc Manufacturers and Market Share

4.5.1 China Based High-Speed Rail Brake Disc Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High-Speed Rail Brake Disc Production Value (2021-2026)

4.5.3 China Based Manufacturers High-Speed Rail Brake Disc Production (2021-2026)

4.6 Rest of World Based High-Speed Rail Brake Disc Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based High-Speed Rail Brake Disc Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High-Speed Rail Brake Disc Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers High-Speed Rail Brake Disc Production (2021-2026)

## **5 MARKET ANALYSIS BY MATERIAL**

5.1 World High-Speed Rail Brake Disc Market Size Overview by Material: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Material

5.2.1 Synthetic Materials

5.2.2 Powder Metallurgy Materials

5.2.3 Composite Materials

5.3 Market Segment by Material

5.3.1 World High-Speed Rail Brake Disc Production by Material (2021-2032)

5.3.2 World High-Speed Rail Brake Disc Production Value by Material (2021-2032)

5.3.3 World High-Speed Rail Brake Disc Average Price by Material (2021-2032)

## **6 MARKET ANALYSIS BY TYPE**

6.1 World High-Speed Rail Brake Disc Market Size Overview by Type: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Type

- 6.2.1 Axle-mounted Type
- 6.2.2 Wheel-mounted Type
- 6.3 Market Segment by Type
  - 6.3.1 World High-Speed Rail Brake Disc Production by Type (2021-2032)
  - 6.3.2 World High-Speed Rail Brake Disc Production Value by Type (2021-2032)
  - 6.3.3 World High-Speed Rail Brake Disc Average Price by Type (2021-2032)

## **7 MARKET ANALYSIS BY MARKET**

- 7.1 World High-Speed Rail Brake Disc Market Size Overview by Market: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Market
  - 7.2.1 OEM
  - 7.2.2 Aftermarket
- 7.3 Market Segment by Market
  - 7.3.1 World High-Speed Rail Brake Disc Production by Market (2021-2032)
  - 7.3.2 World High-Speed Rail Brake Disc Production Value by Market (2021-2032)
  - 7.3.3 World High-Speed Rail Brake Disc Average Price by Market (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

- 8.1 World High-Speed Rail Brake Disc Market Size Overview by Application: 2021 VS 2025 VS 2032
- 8.2 Segment Introduction by Application
  - 8.2.1 Above 250km/h
  - 8.2.2 150-250km/h
  - 8.2.3 Below 150km/h
- 8.3 Market Segment by Application
  - 8.3.1 World High-Speed Rail Brake Disc Production by Application (2021-2032)
  - 8.3.2 World High-Speed Rail Brake Disc Production Value by Application (2021-2032)
  - 8.3.3 World High-Speed Rail Brake Disc Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

- 9.1 Knorr?Bremse
  - 9.1.1 Knorr?Bremse Details
  - 9.1.2 Knorr?Bremse Major Business
  - 9.1.3 Knorr?Bremse High-Speed Rail Brake Disc Product and Services
  - 9.1.4 Knorr?Bremse High-Speed Rail Brake Disc Production, Price, Value, Gross

## Margin and Market Share (2021-2026)

9.1.5 Knorr?Bremse Recent Developments/Updates

9.1.6 Knorr?Bremse Competitive Strengths & Weaknesses

## 9.2 Wabtec

9.2.1 Wabtec Details

9.2.2 Wabtec Major Business

9.2.3 Wabtec High-Speed Rail Brake Disc Product and Services

9.2.4 Wabtec High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Wabtec Recent Developments/Updates

9.2.6 Wabtec Competitive Strengths & Weaknesses

## 9.3 Beijing Tianyishangjia High-tech Materials

9.3.1 Beijing Tianyishangjia High-tech Materials Details

9.3.2 Beijing Tianyishangjia High-tech Materials Major Business

9.3.3 Beijing Tianyishangjia High-tech Materials High-Speed Rail Brake Disc Product and Services

9.3.4 Beijing Tianyishangjia High-tech Materials High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Beijing Tianyishangjia High-tech Materials Recent Developments/Updates

9.3.6 Beijing Tianyishangjia High-tech Materials Competitive Strengths & Weaknesses

## 9.4 Akebono Brake Industry

9.4.1 Akebono Brake Industry Details

9.4.2 Akebono Brake Industry Major Business

9.4.3 Akebono Brake Industry High-Speed Rail Brake Disc Product and Services

9.4.4 Akebono Brake Industry High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Akebono Brake Industry Recent Developments/Updates

9.4.6 Akebono Brake Industry Competitive Strengths & Weaknesses

## 9.5 Bremskerl

9.5.1 Bremskerl Details

9.5.2 Bremskerl Major Business

9.5.3 Bremskerl High-Speed Rail Brake Disc Product and Services

9.5.4 Bremskerl High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Bremskerl Recent Developments/Updates

9.5.6 Bremskerl Competitive Strengths & Weaknesses

## 9.6 Tribo

9.6.1 Tribo Details

9.6.2 Tribo Major Business

- 9.6.3 Tribo High-Speed Rail Brake Disc Product and Services
- 9.6.4 Tribo High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.6.5 Tribo Recent Developments/Updates
- 9.6.6 Tribo Competitive Strengths & Weaknesses
- 9.7 Escorts
  - 9.7.1 Escorts Details
  - 9.7.2 Escorts Major Business
  - 9.7.3 Escorts High-Speed Rail Brake Disc Product and Services
  - 9.7.4 Escorts High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.7.5 Escorts Recent Developments/Updates
  - 9.7.6 Escorts Competitive Strengths & Weaknesses
- 9.8 CRRC Qishuyan
  - 9.8.1 CRRC Qishuyan Details
  - 9.8.2 CRRC Qishuyan Major Business
  - 9.8.3 CRRC Qishuyan High-Speed Rail Brake Disc Product and Services
  - 9.8.4 CRRC Qishuyan High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 CRRC Qishuyan Recent Developments/Updates
  - 9.8.6 CRRC Qishuyan Competitive Strengths & Weaknesses
- 9.9 Alstom Flertex
  - 9.9.1 Alstom Flertex Details
  - 9.9.2 Alstom Flertex Major Business
  - 9.9.3 Alstom Flertex High-Speed Rail Brake Disc Product and Services
  - 9.9.4 Alstom Flertex High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.9.5 Alstom Flertex Recent Developments/Updates
  - 9.9.6 Alstom Flertex Competitive Strengths & Weaknesses
- 9.10 Dellner Frimatrail Frenoplast
  - 9.10.1 Dellner Frimatrail Frenoplast Details
  - 9.10.2 Dellner Frimatrail Frenoplast Major Business
  - 9.10.3 Dellner Frimatrail Frenoplast High-Speed Rail Brake Disc Product and Services
  - 9.10.4 Dellner Frimatrail Frenoplast High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.10.5 Dellner Frimatrail Frenoplast Recent Developments/Updates
  - 9.10.6 Dellner Frimatrail Frenoplast Competitive Strengths & Weaknesses
- 9.11 Masu Brakes
  - 9.11.1 Masu Brakes Details

- 9.11.2 Masu Brakes Major Business
- 9.11.3 Masu Brakes High-Speed Rail Brake Disc Product and Services
- 9.11.4 Masu Brakes High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.11.5 Masu Brakes Recent Developments/Updates
- 9.11.6 Masu Brakes Competitive Strengths & Weaknesses
- 9.12 Guangdong Huatie Tongda High-speed Railway Equipment
  - 9.12.1 Guangdong Huatie Tongda High-speed Railway Equipment Details
  - 9.12.2 Guangdong Huatie Tongda High-speed Railway Equipment Major Business
  - 9.12.3 Guangdong Huatie Tongda High-speed Railway Equipment High-Speed Rail Brake Disc Product and Services
  - 9.12.4 Guangdong Huatie Tongda High-speed Railway Equipment High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.12.5 Guangdong Huatie Tongda High-speed Railway Equipment Recent Developments/Updates
  - 9.12.6 Guangdong Huatie Tongda High-speed Railway Equipment Competitive Strengths & Weaknesses
- 9.13 Youcaitec Material
  - 9.13.1 Youcaitec Material Details
  - 9.13.2 Youcaitec Material Major Business
  - 9.13.3 Youcaitec Material High-Speed Rail Brake Disc Product and Services
  - 9.13.4 Youcaitec Material High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.13.5 Youcaitec Material Recent Developments/Updates
  - 9.13.6 Youcaitec Material Competitive Strengths & Weaknesses
- 9.14 Beijing Puran Railway Braking High-tech
  - 9.14.1 Beijing Puran Railway Braking High-tech Details
  - 9.14.2 Beijing Puran Railway Braking High-tech Major Business
  - 9.14.3 Beijing Puran Railway Braking High-tech High-Speed Rail Brake Disc Product and Services
  - 9.14.4 Beijing Puran Railway Braking High-tech High-Speed Rail Brake Disc Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.14.5 Beijing Puran Railway Braking High-tech Recent Developments/Updates
  - 9.14.6 Beijing Puran Railway Braking High-tech Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 High-Speed Rail Brake Disc Industry Chain
- 10.2 High-Speed Rail Brake Disc Upstream Analysis

- 10.2.1 High-Speed Rail Brake Disc Core Raw Materials
- 10.2.2 Main Manufacturers of High-Speed Rail Brake Disc Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 High-Speed Rail Brake Disc Production Mode
- 10.6 High-Speed Rail Brake Disc Procurement Model
- 10.7 High-Speed Rail Brake Disc Industry Sales Model and Sales Channels
  - 10.7.1 High-Speed Rail Brake Disc Sales Model
  - 10.7.2 High-Speed Rail Brake Disc Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World High-Speed Rail Brake Disc Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World High-Speed Rail Brake Disc Production Value by Region (2021-2026) & (USD Million)

Table 3. World High-Speed Rail Brake Disc Production Value by Region (2027-2032) & (USD Million)

Table 4. World High-Speed Rail Brake Disc Production Value Market Share by Region (2021-2026)

Table 5. World High-Speed Rail Brake Disc Production Value Market Share by Region (2027-2032)

Table 6. World High-Speed Rail Brake Disc Production by Region (2021-2026) & (K Units)

Table 7. World High-Speed Rail Brake Disc Production by Region (2027-2032) & (K Units)

Table 8. World High-Speed Rail Brake Disc Production Market Share by Region (2021-2026)

Table 9. World High-Speed Rail Brake Disc Production Market Share by Region (2027-2032)

Table 10. World High-Speed Rail Brake Disc Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World High-Speed Rail Brake Disc Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. High-Speed Rail Brake Disc Major Market Trends

Table 13. World High-Speed Rail Brake Disc Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World High-Speed Rail Brake Disc Consumption by Region (2021-2026) & (K Units)

Table 15. World High-Speed Rail Brake Disc Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World High-Speed Rail Brake Disc Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key High-Speed Rail Brake Disc Producers in 2025

Table 18. World High-Speed Rail Brake Disc Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key High-Speed Rail Brake Disc Producers in 2025

Table 20. World High-Speed Rail Brake Disc Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global High-Speed Rail Brake Disc Company Evaluation Quadrant

Table 22. World High-Speed Rail Brake Disc Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and High-Speed Rail Brake Disc Production Site of Key Manufacturer

Table 24. High-Speed Rail Brake Disc Market: Company Product Type Footprint

Table 25. High-Speed Rail Brake Disc Market: Company Product Application Footprint

Table 26. High-Speed Rail Brake Disc Competitive Factors

Table 27. High-Speed Rail Brake Disc New Entrant and Capacity Expansion Plans

Table 28. High-Speed Rail Brake Disc Mergers & Acquisitions Activity

Table 29. United States VS China High-Speed Rail Brake Disc Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China High-Speed Rail Brake Disc Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China High-Speed Rail Brake Disc Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based High-Speed Rail Brake Disc Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High-Speed Rail Brake Disc Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers High-Speed Rail Brake Disc Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers High-Speed Rail Brake Disc Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers High-Speed Rail Brake Disc Production Market Share (2021-2026)

Table 37. China Based High-Speed Rail Brake Disc Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High-Speed Rail Brake Disc Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers High-Speed Rail Brake Disc Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers High-Speed Rail Brake Disc Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers High-Speed Rail Brake Disc Production Market

Share (2021-2026)

Table 42. Rest of World Based High-Speed Rail Brake Disc Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers High-Speed Rail Brake Disc Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers High-Speed Rail Brake Disc Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers High-Speed Rail Brake Disc Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers High-Speed Rail Brake Disc Production Market Share (2021-2026)

Table 47. World High-Speed Rail Brake Disc Production Value by Material, (USD Million), 2021 & 2025 & 2032

Table 48. World High-Speed Rail Brake Disc Production by Material (2021-2026) & (K Units)

Table 49. World High-Speed Rail Brake Disc Production by Material (2027-2032) & (K Units)

Table 50. World High-Speed Rail Brake Disc Production Value by Material (2021-2026) & (USD Million)

Table 51. World High-Speed Rail Brake Disc Production Value by Material (2027-2032) & (USD Million)

Table 52. World High-Speed Rail Brake Disc Average Price by Material (2021-2026) & (US\$/Unit)

Table 53. World High-Speed Rail Brake Disc Average Price by Material (2027-2032) & (US\$/Unit)

Table 54. World High-Speed Rail Brake Disc Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 55. World High-Speed Rail Brake Disc Production by Type (2021-2026) & (K Units)

Table 56. World High-Speed Rail Brake Disc Production by Type (2027-2032) & (K Units)

Table 57. World High-Speed Rail Brake Disc Production Value by Type (2021-2026) & (USD Million)

Table 58. World High-Speed Rail Brake Disc Production Value by Type (2027-2032) & (USD Million)

Table 59. World High-Speed Rail Brake Disc Average Price by Type (2021-2026) & (US\$/Unit)

Table 60. World High-Speed Rail Brake Disc Average Price by Type (2027-2032) & (US\$/Unit)

Table 61. World High-Speed Rail Brake Disc Production Value by Market, (USD Million), 2021 & 2025 & 2032

Table 62. World High-Speed Rail Brake Disc Production by Market (2021-2026) & (K Units)

Table 63. World High-Speed Rail Brake Disc Production by Market (2027-2032) & (K Units)

Table 64. World High-Speed Rail Brake Disc Production Value by Market (2021-2026) & (USD Million)

Table 65. World High-Speed Rail Brake Disc Production Value by Market (2027-2032) & (USD Million)

Table 66. World High-Speed Rail Brake Disc Average Price by Market (2021-2026) & (US\$/Unit)

Table 67. World High-Speed Rail Brake Disc Average Price by Market (2027-2032) & (US\$/Unit)

Table 68. World High-Speed Rail Brake Disc Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World High-Speed Rail Brake Disc Production by Application (2021-2026) & (K Units)

Table 70. World High-Speed Rail Brake Disc Production by Application (2027-2032) & (K Units)

Table 71. World High-Speed Rail Brake Disc Production Value by Application (2021-2026) & (USD Million)

Table 72. World High-Speed Rail Brake Disc Production Value by Application (2027-2032) & (USD Million)

Table 73. World High-Speed Rail Brake Disc Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World High-Speed Rail Brake Disc Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Knorr?Bremse Basic Information, Manufacturing Base and Competitors

Table 76. Knorr?Bremse Major Business

Table 77. Knorr?Bremse High-Speed Rail Brake Disc Product and Services

Table 78. Knorr?Bremse High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Knorr?Bremse Recent Developments/Updates

Table 80. Knorr?Bremse Competitive Strengths & Weaknesses

Table 81. Wabtec Basic Information, Manufacturing Base and Competitors

Table 82. Wabtec Major Business

Table 83. Wabtec High-Speed Rail Brake Disc Product and Services

Table 84. Wabtec High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Wabtec Recent Developments/Updates

Table 86. Wabtec Competitive Strengths & Weaknesses

Table 87. Beijing Tianyishangjia High-tech Materials Basic Information, Manufacturing Base and Competitors

Table 88. Beijing Tianyishangjia High-tech Materials Major Business

Table 89. Beijing Tianyishangjia High-tech Materials High-Speed Rail Brake Disc Product and Services

Table 90. Beijing Tianyishangjia High-tech Materials High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Beijing Tianyishangjia High-tech Materials Recent Developments/Updates

Table 92. Beijing Tianyishangjia High-tech Materials Competitive Strengths & Weaknesses

Table 93. Akebono Brake Industry Basic Information, Manufacturing Base and Competitors

Table 94. Akebono Brake Industry Major Business

Table 95. Akebono Brake Industry High-Speed Rail Brake Disc Product and Services

Table 96. Akebono Brake Industry High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Akebono Brake Industry Recent Developments/Updates

Table 98. Akebono Brake Industry Competitive Strengths & Weaknesses

Table 99. Bremserl Basic Information, Manufacturing Base and Competitors

Table 100. Bremserl Major Business

Table 101. Bremserl High-Speed Rail Brake Disc Product and Services

Table 102. Bremserl High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Bremserl Recent Developments/Updates

Table 104. Bremserl Competitive Strengths & Weaknesses

Table 105. Tribo Basic Information, Manufacturing Base and Competitors

Table 106. Tribo Major Business

Table 107. Tribo High-Speed Rail Brake Disc Product and Services

Table 108. Tribo High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Tribo Recent Developments/Updates

Table 110. Tribo Competitive Strengths & Weaknesses

- Table 111. Escorts Basic Information, Manufacturing Base and Competitors
- Table 112. Escorts Major Business
- Table 113. Escorts High-Speed Rail Brake Disc Product and Services
- Table 114. Escorts High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Escorts Recent Developments/Updates
- Table 116. Escorts Competitive Strengths & Weaknesses
- Table 117. CRRC Qishuyan Basic Information, Manufacturing Base and Competitors
- Table 118. CRRC Qishuyan Major Business
- Table 119. CRRC Qishuyan High-Speed Rail Brake Disc Product and Services
- Table 120. CRRC Qishuyan High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. CRRC Qishuyan Recent Developments/Updates
- Table 122. CRRC Qishuyan Competitive Strengths & Weaknesses
- Table 123. Alstom Flertex Basic Information, Manufacturing Base and Competitors
- Table 124. Alstom Flertex Major Business
- Table 125. Alstom Flertex High-Speed Rail Brake Disc Product and Services
- Table 126. Alstom Flertex High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Alstom Flertex Recent Developments/Updates
- Table 128. Alstom Flertex Competitive Strengths & Weaknesses
- Table 129. Dellner Frimatrail Frenoplast Basic Information, Manufacturing Base and Competitors
- Table 130. Dellner Frimatrail Frenoplast Major Business
- Table 131. Dellner Frimatrail Frenoplast High-Speed Rail Brake Disc Product and Services
- Table 132. Dellner Frimatrail Frenoplast High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Dellner Frimatrail Frenoplast Recent Developments/Updates
- Table 134. Dellner Frimatrail Frenoplast Competitive Strengths & Weaknesses
- Table 135. Masu Brakes Basic Information, Manufacturing Base and Competitors
- Table 136. Masu Brakes Major Business
- Table 137. Masu Brakes High-Speed Rail Brake Disc Product and Services
- Table 138. Masu Brakes High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 139. Masu Brakes Recent Developments/Updates
- Table 140. Masu Brakes Competitive Strengths & Weaknesses
- Table 141. Guangdong Huatie Tongda High-speed Railway Equipment Basic Information, Manufacturing Base and Competitors
- Table 142. Guangdong Huatie Tongda High-speed Railway Equipment Major Business
- Table 143. Guangdong Huatie Tongda High-speed Railway Equipment High-Speed Rail Brake Disc Product and Services
- Table 144. Guangdong Huatie Tongda High-speed Railway Equipment High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Guangdong Huatie Tongda High-speed Railway Equipment Recent Developments/Updates
- Table 146. Guangdong Huatie Tongda High-speed Railway Equipment Competitive Strengths & Weaknesses
- Table 147. Youcaitec Material Basic Information, Manufacturing Base and Competitors
- Table 148. Youcaitec Material Major Business
- Table 149. Youcaitec Material High-Speed Rail Brake Disc Product and Services
- Table 150. Youcaitec Material High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 151. Youcaitec Material Recent Developments/Updates
- Table 152. Youcaitec Material Competitive Strengths & Weaknesses
- Table 153. Beijing Puran Railway Braking High-tech Basic Information, Manufacturing Base and Competitors
- Table 154. Beijing Puran Railway Braking High-tech Major Business
- Table 155. Beijing Puran Railway Braking High-tech High-Speed Rail Brake Disc Product and Services
- Table 156. Beijing Puran Railway Braking High-tech High-Speed Rail Brake Disc Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 157. Beijing Puran Railway Braking High-tech Recent Developments/Updates
- Table 158. Beijing Puran Railway Braking High-tech Competitive Strengths & Weaknesses
- Table 159. Global Key Players of High-Speed Rail Brake Disc Upstream (Raw Materials)
- Table 160. Global High-Speed Rail Brake Disc Typical Customers
- Table 161. High-Speed Rail Brake Disc Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. High-Speed Rail Brake Disc Picture

Figure 2. World High-Speed Rail Brake Disc Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World High-Speed Rail Brake Disc Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World High-Speed Rail Brake Disc Production (2021-2032) & (K Units)

Figure 5. World High-Speed Rail Brake Disc Average Price (2021-2032) & (US\$/Unit)

Figure 6. World High-Speed Rail Brake Disc Production Value Market Share by Region (2021-2032)

Figure 7. World High-Speed Rail Brake Disc Production Market Share by Region (2021-2032)

Figure 8. North America High-Speed Rail Brake Disc Production (2021-2032) & (K Units)

Figure 9. Europe High-Speed Rail Brake Disc Production (2021-2032) & (K Units)

Figure 10. China High-Speed Rail Brake Disc Production (2021-2032) & (K Units)

Figure 11. Japan High-Speed Rail Brake Disc Production (2021-2032) & (K Units)

Figure 12. High-Speed Rail Brake Disc Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 15. World High-Speed Rail Brake Disc Consumption Market Share by Region (2021-2032)

Figure 16. United States High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 17. China High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 18. Europe High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 19. Japan High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 20. South Korea High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 21. ASEAN High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 22. India High-Speed Rail Brake Disc Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of High-Speed Rail Brake Disc by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for High-Speed Rail Brake Disc Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for High-Speed Rail Brake Disc

## Markets in 2025

Figure 26. United States VS China: High-Speed Rail Brake Disc Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: High-Speed Rail Brake Disc Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: High-Speed Rail Brake Disc Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers High-Speed Rail Brake Disc Production Market Share 2025

Figure 30. China Based Manufacturers High-Speed Rail Brake Disc Production Market Share 2025

Figure 31. Rest of World Based Manufacturers High-Speed Rail Brake Disc Production Market Share 2025

Figure 32. World High-Speed Rail Brake Disc Production Value by Material, (USD Million), 2021 & 2025 & 2032

Figure 33. World High-Speed Rail Brake Disc Production Value Market Share by Material in 2025

Figure 34. Synthetic Materials

Figure 35. Powder Metallurgy Materials

Figure 36. Composite Materials

Figure 37. World High-Speed Rail Brake Disc Production Market Share by Material (2021-2032)

Figure 38. World High-Speed Rail Brake Disc Production Value Market Share by Material (2021-2032)

Figure 39. World High-Speed Rail Brake Disc Average Price by Material (2021-2032) & (US\$/Unit)

Figure 40. World High-Speed Rail Brake Disc Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 41. World High-Speed Rail Brake Disc Production Value Market Share by Type in 2025

Figure 42. Axle-mounted Type

Figure 43. Wheel-mounted Type

Figure 44. World High-Speed Rail Brake Disc Production Market Share by Type (2021-2032)

Figure 45. World High-Speed Rail Brake Disc Production Value Market Share by Type (2021-2032)

Figure 46. World High-Speed Rail Brake Disc Average Price by Type (2021-2032) & (US\$/Unit)

Figure 47. World High-Speed Rail Brake Disc Production Value by Market, (USD

Million), 2021 & 2025 & 2032

Figure 48. World High-Speed Rail Brake Disc Production Value Market Share by Market in 2025

Figure 49. OEM

Figure 50. Aftermarket

Figure 51. World High-Speed Rail Brake Disc Production Market Share by Market (2021-2032)

Figure 52. World High-Speed Rail Brake Disc Production Value Market Share by Market (2021-2032)

Figure 53. World High-Speed Rail Brake Disc Average Price by Market (2021-2032) & (US\$/Unit)

Figure 54. World High-Speed Rail Brake Disc Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World High-Speed Rail Brake Disc Production Value Market Share by Application in 2025

Figure 56. Above 250km/h

Figure 57. 150-250km/h

Figure 58. Below 150km/h

Figure 59. World High-Speed Rail Brake Disc Production Market Share by Application (2021-2032)

Figure 60. World High-Speed Rail Brake Disc Production Value Market Share by Application (2021-2032)

Figure 61. World High-Speed Rail Brake Disc Average Price by Application (2021-2032) & (US\$/Unit)

Figure 62. High-Speed Rail Brake Disc Industry Chain

Figure 63. High-Speed Rail Brake Disc Procurement Model

Figure 64. High-Speed Rail Brake Disc Sales Model

Figure 65. High-Speed Rail Brake Disc Sales Channels, Direct Sales, and Distribution

Figure 66. Methodology

Figure 67. Research Process and Data Source

## I would like to order

Product name: Global High-Speed Rail Brake Disc Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GD8C6E0D8DF7EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD8C6E0D8DF7EN.html>