+357 96 030922
info@marketpublishers.com

Global Powder Metallurgy High-Speed Steel Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GAA15F0B4CD1EN.html
Date: November 2026
Pages: 100
Price: US$ 4,480.00 (Single User License)
ID: GAA15F0B4CD1EN

Abstracts

The global Powder Metallurgy High-Speed Steel market size is expected to reach $ 1096 million by 2032, rising at a market growth of 5.0% CAGR during the forecast period (2026-2032).

Powder Metallurgy High-Speed Steel (PM-HSS) is a class of highly alloyed high-speed tool steels manufactured through powder metallurgy processing. The production route typically begins with melting steel containing alloying elements such as tungsten, molybdenum, vanadium, cobalt, and chromium, followed by inert-gas atomization to produce fine alloy powders. These powders are subsequently canned, vacuum degassed, consolidated by hot isostatic pressing (HIP), and further processed through forging, rolling, heat treatment, and finishing into bars, plates, flats, wires, billets, and other semi-finished steel forms. Compared with conventionally produced high-speed steel, PM-HSS features finer and more uniformly distributed carbides, lower alloy segregation, and improved microstructural consistency, resulting in enhanced wear resistance, toughness, resistance to edge chipping, hot hardness, and dimensional stability. The powder metallurgy route also enables higher alloying levels, particularly for vanadium- and cobalt-rich grades. Commercial PM-HSS products are differentiated by alloy composition, hardness, wear resistance, toughness, and supply form, and are widely used in high-performance cutting tools, gear-cutting tools, stamping dies, cold-work tooling, industrial knives, and other tooling applications requiring high wear resistance, strength, and reliability.

Key Findings

Powder Metallurgy High-Speed Steel is an important upgrade path for advanced high-

+357 96 030922
info@marketpublishers.com

speed tool steel

High-vanadium and cobalt-containing grades represent important segments of the high-performance product portfolio

Round bars and flat bars and plates are major commercial supply forms

Cutting tools represent the core downstream application for Powder Metallurgy High-Speed Steel

Global supply combines established European, American, and Japanese producers with expanding Chinese manufacturers

Market Trends

Powder Metallurgy High-Speed Steel is continuing to evolve toward higher alloy content, stronger wear resistance, improved toughness, and more stable heat-treatment performance. Increasing requirements from advanced cutting tools and precision tooling for longer service life, consistency, and performance under demanding operating conditions are shifting competition from basic grade availability toward carbide control, cleanliness, heat-treatment response, and batch-to-batch stability. At the same time, Chinese manufacturers are strengthening gas atomization, HIP consolidation, forging, and rolling capabilities, gradually expanding their coverage of higher-end PM-HSS grades.

Market Dynamics

Drivers

Growing performance requirements in advanced cutting tools, gear-cutting tools, precision stamping tools, and cold work tooling are key drivers for Powder Metallurgy High-Speed Steel. Compared with conventional high-speed steel, PM-HSS offers more uniform carbide distribution and an improved balance between wear resistance and toughness, supporting longer tool life and more consistent machining performance. These advantages increase its material value in high-load, high-precision, and difficult-to-machine material applications.

+357 96 030922
info@marketpublishers.com

Restraints

PM-HSS manufacturing involves multiple capital- and energy-intensive processes, including alloy melting, gas atomization, powder handling, canning, hot isostatic pressing, forging, and rolling, resulting in substantially higher production costs than conventional high-speed steel. Price volatility in cobalt, vanadium, tungsten, and molybdenum can further affect manufacturing economics. In standard cutting and general tooling applications, conventional high-speed steel, cemented carbide, and other tool steels can also retain a significant cost advantage.

Opportunities

Localization of high-performance cutting tools, upgrades in advanced manufacturing equipment, and increasing machining requirements in aerospace, electric vehicles, precision machinery, and other demanding industries create structural opportunities for PM-HSS. High-vanadium grades, high-cobalt grades, and customized compositions balancing wear resistance and toughness offer further room for product differentiation. The continued development of domestic powder metallurgy production lines in China also supports import substitution, regional supply, and the development of dedicated grades for local tool manufacturers.

Challenges

A major challenge in PM-HSS production is maintaining consistent powder quality, oxygen content, carbide size, alloy homogeneity, and HIP densification under industrial-scale conditions. High-performance grades also require extensive heat-treatment, grinding, and cutting validation with downstream tool manufacturers, resulting in relatively long qualification cycles for new suppliers. Continued improvements in cemented carbide, powder metallurgy cold work steels, and other advanced tool materials may also create substitution pressure in selected applications.

Industry Chain Analysis

The upstream Powder Metallurgy High-Speed Steel industry chain includes iron-based raw materials, alloying elements such as tungsten, molybdenum, vanadium, chromium, and cobalt, as well as high-purity inert gases, HIP equipment, and powder metallurgy production systems. Midstream manufacturing centers on alloy melting, gas

+357 96 030922
info@marketpublishers.com

atomization, powder screening and blending, canning and degassing, hot isostatic pressing, forging, rolling, and heat treatment. Through composition design and microstructure control, manufacturers develop grades with different combinations of wear resistance, toughness, and hot hardness. Downstream markets mainly include cutting tools, cold work tooling, plastic processing tooling, and wear parts. Value creation is concentrated in high-quality powder production, carbide control, HIP consolidation, grade development, and stable industrial-scale manufacturing, giving advanced PM-HSS grades a clear technical premium over conventional high-speed steel.

Segment Insights

By cobalt content, the market is divided into Cobalt-Free Type, Low-Cobalt Type (?8%), and High-Cobalt Type (>8%). Cobalt-free grades reduce raw-material costs and dependence on cobalt, while cobalt-containing grades place greater emphasis on hot hardness and high-speed cutting performance. By vanadium content, products are classified into Low-Vanadium Type (?3%), Medium-Vanadium Type (>3–6%), and High-Vanadium Type (>6%). Higher vanadium levels generally increase the proportion of hard carbides and improve wear resistance, while requiring more careful control of toughness and machinability. By product form, Round Bars, Flat Bars & Plates, and Wire & Strips constitute the principal commercial supply forms, supporting different tool, die, and component manufacturing routes.

Downstream Market Opportunities

Cutting tools represent the most important downstream opportunity for Powder Metallurgy High-Speed Steel. High-performance drills, taps, milling cutters, broaches, gear-cutting tools, and complex form tools require strong wear resistance, toughness, and cutting-edge stability, making them important applications for premium PM-HSS grades. Cold work and plastic processing tooling place greater emphasis on balancing wear resistance, compressive strength, and dimensional stability. As machining of difficult alloys, high-strength steels, and precision components expands, PM-HSS materials capable of reducing tool changes and improving process consistency have further penetration potential.

Regional Insights

Europe, Japan, and North America have established PM-HSS industrial bases with long-

+357 96 030922
info@marketpublishers.com

standing capabilities in high-end grade development, gas atomization, HIP processing, and qualification with advanced tool customers. China has accelerated the industrialization of Powder Metallurgy High-Speed Steel, with Tiangong International, Heye Special Steel, and specialized material producers establishing commercial supply. The Chinese market is gradually evolving from heavy dependence on imported high-end materials toward a structure combining domestic high-performance grades with imported products. The scale of Asian manufacturing and ongoing localization of cutting tools make the region an important area for future market expansion.

Competitive Landscape Analysis

The global Powder Metallurgy High-Speed Steel market has relatively high technical barriers. Erasteel, voestalpine, Carpenter Technology, and established Japanese specialty steel manufacturers maintain mature international supply positions supported by advanced grades, quality consistency, and long-standing customer qualification. Chinese producers including Tiangong International, Heye Special Steel, and Changsha Sapu New Material are expanding localized production and grade portfolios. Future competition is expected to shift from capacity expansion toward powder quality, HIP processing, material cleanliness, grade performance, and application support for high-end cutting tool customers.

Report Scope

This report studies the global Powder Metallurgy High-Speed Steel production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Powder Metallurgy High-Speed Steel 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 Powder Metallurgy High-Speed Steel that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Powder Metallurgy High-Speed Steel total production and demand, 2021-2032, (Kilotons)

+357 96 030922
info@marketpublishers.com

Global Powder Metallurgy High-Speed Steel total production value, 2021-2032, (USD Million)

Global Powder Metallurgy High-Speed Steel production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global Powder Metallurgy High-Speed Steel consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: Powder Metallurgy High-Speed Steel domestic production, consumption, key domestic manufacturers and share

Global Powder Metallurgy High-Speed Steel production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global Powder Metallurgy High-Speed Steel production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global Powder Metallurgy High-Speed Steel production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Powder Metallurgy High-Speed Steel 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 Erasteel, voestalpine, Carpenter Technology, Proterial, Daido Steel, NACHI-FUJIKOSHI, Sanyo Special Steel, Tiangong International, Heye Special Steel, Changsha Sapu New Material, 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 Powder Metallurgy High-Speed Steel market

Detailed Segmentation:

+357 96 030922
info@marketpublishers.com

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Kilotons) and average price (US$/Ton) by manufacturer, by Type, 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 Powder Metallurgy High-Speed Steel Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Powder Metallurgy High-Speed Steel Market, Segmentation by Type:

Cobalt-Free Type

Low-Cobalt Type (?8%)

High-Cobalt Type (>8%)

+357 96 030922
info@marketpublishers.com

Global Powder Metallurgy High-Speed Steel Market, Segmentation by Vanadium Content:

Low-Vanadium Type (?3%)

Medium-Vanadium Type (3–6%)

High-Vanadium Type (>6%)

Global Powder Metallurgy High-Speed Steel Market, Segmentation by Product Form:

Round Bars

Flat Bars & Plates

Wire & Strips

Other

Global Powder Metallurgy High-Speed Steel Market, Segmentation by Application:

Cutting Tools

Cold Work Tooling

Plastic Processing Tooling

Wear Parts

Others

Companies Profiled:

+357 96 030922
info@marketpublishers.com

Erasteel

voestalpine

Carpenter Technology

Proterial

Daido Steel

NACHI-FUJIKOSHI

Sanyo Special Steel

Tiangong International

Heye Special Steel

Changsha Sapu New Material

Key Questions Answered

1. How big is the global Powder Metallurgy High-Speed Steel market?
2. What is the demand of the global Powder Metallurgy High-Speed Steel market?
3. What is the year over year growth of the global Powder Metallurgy High-Speed Steel market?
4. What is the total value of the global Powder Metallurgy High-Speed Steel market?
5. Who are the Major Players in the global Powder Metallurgy High-Speed Steel market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

2.1 World Powder Metallurgy High-Speed Steel Demand (2021-2032)
2.2 World Powder Metallurgy High-Speed Steel Consumption by Region
  2.2.1 World Powder Metallurgy High-Speed Steel Consumption by Region (2021-2026)
  2.2.2 World Powder Metallurgy High-Speed Steel Consumption Forecast by Region (2027-2032)
2.3 United States Powder Metallurgy High-Speed Steel Consumption (2021-2032)
2.4 China Powder Metallurgy High-Speed Steel Consumption (2021-2032)
2.5 Europe Powder Metallurgy High-Speed Steel Consumption (2021-2032)
2.6 Japan Powder Metallurgy High-Speed Steel Consumption (2021-2032)
2.7 South Korea Powder Metallurgy High-Speed Steel Consumption (2021-2032)

+357 96 030922
info@marketpublishers.com

2.8 ASEAN Powder Metallurgy High-Speed Steel Consumption (2021-2032)
2.9 India Powder Metallurgy High-Speed Steel Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Powder Metallurgy High-Speed Steel Production Value by Manufacturer (2021-2026)
3.2 World Powder Metallurgy High-Speed Steel Production by Manufacturer (2021-2026)
3.3 World Powder Metallurgy High-Speed Steel Average Price by Manufacturer (2021-2026)
3.4 Powder Metallurgy High-Speed Steel Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Powder Metallurgy High-Speed Steel Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Powder Metallurgy High-Speed Steel in 2025
  3.5.3 Global Concentration Ratios (CR8) for Powder Metallurgy High-Speed Steel in 2025
3.6 Powder Metallurgy High-Speed Steel Market: Overall Company Footprint Analysis
  3.6.1 Powder Metallurgy High-Speed Steel Market: Region Footprint
  3.6.2 Powder Metallurgy High-Speed Steel Market: Company Product Type Footprint
  3.6.3 Powder Metallurgy High-Speed Steel 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: Powder Metallurgy High-Speed Steel Production Value Comparison
  4.1.1 United States VS China: Powder Metallurgy High-Speed Steel Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: Powder Metallurgy High-Speed Steel Production Value Market Share Comparison (2021 & 2025 & 2032)

+357 96 030922
info@marketpublishers.com

4.2 United States VS China: Powder Metallurgy High-Speed Steel Production Comparison
4.2.1 United States VS China: Powder Metallurgy High-Speed Steel Production Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: Powder Metallurgy High-Speed Steel Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Powder Metallurgy High-Speed Steel Consumption Comparison
4.3.1 United States VS China: Powder Metallurgy High-Speed Steel Consumption Comparison (2021 & 2025 & 2032)
4.3.2 United States VS China: Powder Metallurgy High-Speed Steel Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Powder Metallurgy High-Speed Steel Manufacturers and Market Share, 2021-2026
4.4.1 United States Based Powder Metallurgy High-Speed Steel Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Powder Metallurgy High-Speed Steel Production Value (2021-2026)
4.4.3 United States Based Manufacturers Powder Metallurgy High-Speed Steel Production (2021-2026)
4.5 China Based Powder Metallurgy High-Speed Steel Manufacturers and Market Share
4.5.1 China Based Powder Metallurgy High-Speed Steel Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Powder Metallurgy High-Speed Steel Production Value (2021-2026)
4.5.3 China Based Manufacturers Powder Metallurgy High-Speed Steel Production (2021-2026)
4.6 Rest of World Based Powder Metallurgy High-Speed Steel Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Powder Metallurgy High-Speed Steel Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Powder Metallurgy High-Speed Steel Market Size Overview by Type: 2021

+357 96 030922
info@marketpublishers.com

VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Cobalt-Free Type
5.2.2 Low-Cobalt Type (?8%)
5.2.3 High-Cobalt Type (>8%)
5.3 Market Segment by Type
5.3.1 World Powder Metallurgy High-Speed Steel Production by Type (2021-2032)
5.3.2 World Powder Metallurgy High-Speed Steel Production Value by Type (2021-2032)
5.3.3 World Powder Metallurgy High-Speed Steel Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY VANADIUM CONTENT

6.1 World Powder Metallurgy High-Speed Steel Market Size Overview by Vanadium Content: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Vanadium Content
6.2.1 Low-Vanadium Type (?3%)
6.2.2 Medium-Vanadium Type (3–6%)
6.2.3 High-Vanadium Type (>6%)
6.3 Market Segment by Vanadium Content
6.3.1 World Powder Metallurgy High-Speed Steel Production by Vanadium Content (2021-2032)
6.3.2 World Powder Metallurgy High-Speed Steel Production Value by Vanadium Content (2021-2032)
6.3.3 World Powder Metallurgy High-Speed Steel Average Price by Vanadium Content (2021-2032)

7 MARKET ANALYSIS BY PRODUCT FORM

7.1 World Powder Metallurgy High-Speed Steel Market Size Overview by Product Form: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Product Form
7.2.1 Round Bars
7.2.2 Flat Bars & Plates
7.2.3 Wire & Strips
7.2.4 Other
7.3 Market Segment by Product Form
7.3.1 World Powder Metallurgy High-Speed Steel Production by Product Form (2021-2032)

+357 96 030922
info@marketpublishers.com

7.3.2 World Powder Metallurgy High-Speed Steel Production Value by Product Form (2021-2032)
7.3.3 World Powder Metallurgy High-Speed Steel Average Price by Product Form (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Powder Metallurgy High-Speed Steel Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 Cutting Tools
8.2.2 Cold Work Tooling
8.2.3 Plastic Processing Tooling
8.2.4 Wear Parts
8.2.5 Others
8.3 Market Segment by Application
8.3.1 World Powder Metallurgy High-Speed Steel Production by Application (2021-2032)
8.3.2 World Powder Metallurgy High-Speed Steel Production Value by Application (2021-2032)
8.3.3 World Powder Metallurgy High-Speed Steel Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Erasteel
9.1.1 Erasteel Details
9.1.2 Erasteel Major Business
9.1.3 Erasteel Powder Metallurgy High-Speed Steel Product and Services
9.1.4 Erasteel Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 Erasteel Recent Developments/Updates
9.1.6 Erasteel Competitive Strengths & Weaknesses
9.2 voestalpine
9.2.1 voestalpine Details
9.2.2 voestalpine Major Business
9.2.3 voestalpine Powder Metallurgy High-Speed Steel Product and Services
9.2.4 voestalpine Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

9.2.5 voestalpine Recent Developments/Updates
9.2.6 voestalpine Competitive Strengths & Weaknesses
9.3 Carpenter Technology
9.3.1 Carpenter Technology Details
9.3.2 Carpenter Technology Major Business
9.3.3 Carpenter Technology Powder Metallurgy High-Speed Steel Product and Services
9.3.4 Carpenter Technology Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 Carpenter Technology Recent Developments/Updates
9.3.6 Carpenter Technology Competitive Strengths & Weaknesses
9.4 Proterial
9.4.1 Proterial Details
9.4.2 Proterial Major Business
9.4.3 Proterial Powder Metallurgy High-Speed Steel Product and Services
9.4.4 Proterial Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Proterial Recent Developments/Updates
9.4.6 Proterial Competitive Strengths & Weaknesses
9.5 Daido Steel
9.5.1 Daido Steel Details
9.5.2 Daido Steel Major Business
9.5.3 Daido Steel Powder Metallurgy High-Speed Steel Product and Services
9.5.4 Daido Steel Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 Daido Steel Recent Developments/Updates
9.5.6 Daido Steel Competitive Strengths & Weaknesses
9.6 NACHI-FUJIKOSHI
9.6.1 NACHI-FUJIKOSHI Details
9.6.2 NACHI-FUJIKOSHI Major Business
9.6.3 NACHI-FUJIKOSHI Powder Metallurgy High-Speed Steel Product and Services
9.6.4 NACHI-FUJIKOSHI Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 NACHI-FUJIKOSHI Recent Developments/Updates
9.6.6 NACHI-FUJIKOSHI Competitive Strengths & Weaknesses
9.7 Sanyo Special Steel
9.7.1 Sanyo Special Steel Details
9.7.2 Sanyo Special Steel Major Business
9.7.3 Sanyo Special Steel Powder Metallurgy High-Speed Steel Product and Services

+357 96 030922
info@marketpublishers.com

9.7.4 Sanyo Special Steel Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 Sanyo Special Steel Recent Developments/Updates
9.7.6 Sanyo Special Steel Competitive Strengths & Weaknesses
9.8 Tiangong International
9.8.1 Tiangong International Details
9.8.2 Tiangong International Major Business
9.8.3 Tiangong International Powder Metallurgy High-Speed Steel Product and Services
9.8.4 Tiangong International Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 Tiangong International Recent Developments/Updates
9.8.6 Tiangong International Competitive Strengths & Weaknesses
9.9 Heye Special Steel
9.9.1 Heye Special Steel Details
9.9.2 Heye Special Steel Major Business
9.9.3 Heye Special Steel Powder Metallurgy High-Speed Steel Product and Services
9.9.4 Heye Special Steel Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 Heye Special Steel Recent Developments/Updates
9.9.6 Heye Special Steel Competitive Strengths & Weaknesses
9.10 Changsha Sapu New Material
9.10.1 Changsha Sapu New Material Details
9.10.2 Changsha Sapu New Material Major Business
9.10.3 Changsha Sapu New Material Powder Metallurgy High-Speed Steel Product and Services
9.10.4 Changsha Sapu New Material Powder Metallurgy High-Speed Steel Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.10.5 Changsha Sapu New Material Recent Developments/Updates
9.10.6 Changsha Sapu New Material Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Powder Metallurgy High-Speed Steel Industry Chain
10.2 Powder Metallurgy High-Speed Steel Upstream Analysis
10.2.1 Powder Metallurgy High-Speed Steel Core Raw Materials
10.2.2 Main Manufacturers of Powder Metallurgy High-Speed Steel Core Raw Materials
10.3 Midstream Analysis

+357 96 030922
info@marketpublishers.com

10.4 Downstream Analysis
10.5 Powder Metallurgy High-Speed Steel Production Mode
10.6 Powder Metallurgy High-Speed Steel Procurement Model
10.7 Powder Metallurgy High-Speed Steel Industry Sales Model and Sales Channels
10.7.1 Powder Metallurgy High-Speed Steel Sales Model
10.7.2 Powder Metallurgy High-Speed Steel Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Powder Metallurgy High-Speed Steel Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Powder Metallurgy High-Speed Steel Production Value by Region (2021-2026) & (USD Million)
Table 3. World Powder Metallurgy High-Speed Steel Production Value by Region (2027-2032) & (USD Million)
Table 4. World Powder Metallurgy High-Speed Steel Production Value Market Share by Region (2021-2026)
Table 5. World Powder Metallurgy High-Speed Steel Production Value Market Share by Region (2027-2032)
Table 6. World Powder Metallurgy High-Speed Steel Production by Region (2021-2026) & (Kilotons)
Table 7. World Powder Metallurgy High-Speed Steel Production by Region (2027-2032) & (Kilotons)
Table 8. World Powder Metallurgy High-Speed Steel Production Market Share by Region (2021-2026)
Table 9. World Powder Metallurgy High-Speed Steel Production Market Share by Region (2027-2032)
Table 10. World Powder Metallurgy High-Speed Steel Average Price by Region (2021-2026) & (US$/Ton)
Table 11. World Powder Metallurgy High-Speed Steel Average Price by Region (2027-2032) & (US$/Ton)
Table 12. Powder Metallurgy High-Speed Steel Major Market Trends
Table 13. World Powder Metallurgy High-Speed Steel Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Kilotons)
Table 14. World Powder Metallurgy High-Speed Steel Consumption by Region (2021-2026) & (Kilotons)
Table 15. World Powder Metallurgy High-Speed Steel Consumption Forecast by Region (2027-2032) & (Kilotons)
Table 16. World Powder Metallurgy High-Speed Steel Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Powder Metallurgy High-Speed Steel Producers in 2025
Table 18. World Powder Metallurgy High-Speed Steel Production by Manufacturer (2021-2026) & (Kilotons)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key Powder Metallurgy High-Speed Steel Producers in 2025
Table 20. World Powder Metallurgy High-Speed Steel Average Price by Manufacturer (2021-2026) & (US$/Ton)
Table 21. Global Powder Metallurgy High-Speed Steel Company Evaluation Quadrant
Table 22. World Powder Metallurgy High-Speed Steel Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Powder Metallurgy High-Speed Steel Production Site of Key Manufacturer
Table 24. Powder Metallurgy High-Speed Steel Market: Company Product Type Footprint
Table 25. Powder Metallurgy High-Speed Steel Market: Company Product Application Footprint
Table 26. Powder Metallurgy High-Speed Steel Competitive Factors
Table 27. Powder Metallurgy High-Speed Steel New Entrant and Capacity Expansion Plans
Table 28. Powder Metallurgy High-Speed Steel Mergers & Acquisitions Activity
Table 29. United States VS China Powder Metallurgy High-Speed Steel Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Powder Metallurgy High-Speed Steel Production Comparison, (2021 & 2025 & 2032) & (Kilotons)
Table 31. United States VS China Powder Metallurgy High-Speed Steel Consumption Comparison, (2021 & 2025 & 2032) & (Kilotons)
Table 32. United States Based Powder Metallurgy High-Speed Steel Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Powder Metallurgy High-Speed Steel Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Powder Metallurgy High-Speed Steel Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Powder Metallurgy High-Speed Steel Production (2021-2026) & (Kilotons)
Table 36. United States Based Manufacturers Powder Metallurgy High-Speed Steel Production Market Share (2021-2026)
Table 37. China Based Powder Metallurgy High-Speed Steel Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Powder Metallurgy High-Speed Steel Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Powder Metallurgy High-Speed Steel Production Value Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 40. China Based Manufacturers Powder Metallurgy High-Speed Steel Production, (2021-2026) & (Kilotons)
Table 41. China Based Manufacturers Powder Metallurgy High-Speed Steel Production Market Share (2021-2026)
Table 42. Rest of World Based Powder Metallurgy High-Speed Steel Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production, (2021-2026) & (Kilotons)
Table 46. Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production Market Share (2021-2026)
Table 47. World Powder Metallurgy High-Speed Steel Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Powder Metallurgy High-Speed Steel Production by Type (2021-2026) & (Kilotons)
Table 49. World Powder Metallurgy High-Speed Steel Production by Type (2027-2032) & (Kilotons)
Table 50. World Powder Metallurgy High-Speed Steel Production Value by Type (2021-2026) & (USD Million)
Table 51. World Powder Metallurgy High-Speed Steel Production Value by Type (2027-2032) & (USD Million)
Table 52. World Powder Metallurgy High-Speed Steel Average Price by Type (2021-2026) & (US$/Ton)
Table 53. World Powder Metallurgy High-Speed Steel Average Price by Type (2027-2032) & (US$/Ton)
Table 54. World Powder Metallurgy High-Speed Steel Production Value by Vanadium Content, (USD Million), 2021 & 2025 & 2032
Table 55. World Powder Metallurgy High-Speed Steel Production by Vanadium Content (2021-2026) & (Kilotons)
Table 56. World Powder Metallurgy High-Speed Steel Production by Vanadium Content (2027-2032) & (Kilotons)
Table 57. World Powder Metallurgy High-Speed Steel Production Value by Vanadium Content (2021-2026) & (USD Million)
Table 58. World Powder Metallurgy High-Speed Steel Production Value by Vanadium Content (2027-2032) & (USD Million)
Table 59. World Powder Metallurgy High-Speed Steel Average Price by Vanadium

+357 96 030922
info@marketpublishers.com

Content (2021-2026) & (US$/Ton)
Table 60. World Powder Metallurgy High-Speed Steel Average Price by Vanadium Content (2027-2032) & (US$/Ton)
Table 61. World Powder Metallurgy High-Speed Steel Production Value by Product Form, (USD Million), 2021 & 2025 & 2032
Table 62. World Powder Metallurgy High-Speed Steel Production by Product Form (2021-2026) & (Kilotons)
Table 63. World Powder Metallurgy High-Speed Steel Production by Product Form (2027-2032) & (Kilotons)
Table 64. World Powder Metallurgy High-Speed Steel Production Value by Product Form (2021-2026) & (USD Million)
Table 65. World Powder Metallurgy High-Speed Steel Production Value by Product Form (2027-2032) & (USD Million)
Table 66. World Powder Metallurgy High-Speed Steel Average Price by Product Form (2021-2026) & (US$/Ton)
Table 67. World Powder Metallurgy High-Speed Steel Average Price by Product Form (2027-2032) & (US$/Ton)
Table 68. World Powder Metallurgy High-Speed Steel Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Powder Metallurgy High-Speed Steel Production by Application (2021-2026) & (Kilotons)
Table 70. World Powder Metallurgy High-Speed Steel Production by Application (2027-2032) & (Kilotons)
Table 71. World Powder Metallurgy High-Speed Steel Production Value by Application (2021-2026) & (USD Million)
Table 72. World Powder Metallurgy High-Speed Steel Production Value by Application (2027-2032) & (USD Million)
Table 73. World Powder Metallurgy High-Speed Steel Average Price by Application (2021-2026) & (US$/Ton)
Table 74. World Powder Metallurgy High-Speed Steel Average Price by Application (2027-2032) & (US$/Ton)
Table 75. Erasteel Basic Information, Manufacturing Base and Competitors
Table 76. Erasteel Major Business
Table 77. Erasteel Powder Metallurgy High-Speed Steel Product and Services
Table 78. Erasteel Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. Erasteel Recent Developments/Updates
Table 80. Erasteel Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

Table 81. voestalpine Basic Information, Manufacturing Base and Competitors
Table 82. voestalpine Major Business
Table 83. voestalpine Powder Metallurgy High-Speed Steel Product and Services
Table 84. voestalpine Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. voestalpine Recent Developments/Updates
Table 86. voestalpine Competitive Strengths & Weaknesses
Table 87. Carpenter Technology Basic Information, Manufacturing Base and Competitors
Table 88. Carpenter Technology Major Business
Table 89. Carpenter Technology Powder Metallurgy High-Speed Steel Product and Services
Table 90. Carpenter Technology Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Carpenter Technology Recent Developments/Updates
Table 92. Carpenter Technology Competitive Strengths & Weaknesses
Table 93. Proterial Basic Information, Manufacturing Base and Competitors
Table 94. Proterial Major Business
Table 95. Proterial Powder Metallurgy High-Speed Steel Product and Services
Table 96. Proterial Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Proterial Recent Developments/Updates
Table 98. Proterial Competitive Strengths & Weaknesses
Table 99. Daido Steel Basic Information, Manufacturing Base and Competitors
Table 100. Daido Steel Major Business
Table 101. Daido Steel Powder Metallurgy High-Speed Steel Product and Services
Table 102. Daido Steel Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Daido Steel Recent Developments/Updates
Table 104. Daido Steel Competitive Strengths & Weaknesses
Table 105. NACHI-FUJIKOSHI Basic Information, Manufacturing Base and Competitors
Table 106. NACHI-FUJIKOSHI Major Business
Table 107. NACHI-FUJIKOSHI Powder Metallurgy High-Speed Steel Product and Services
Table 108. NACHI-FUJIKOSHI Powder Metallurgy High-Speed Steel Production

+357 96 030922
info@marketpublishers.com

(Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. NACHI-FUJIKOSHI Recent Developments/Updates
Table 110. NACHI-FUJIKOSHI Competitive Strengths & Weaknesses
Table 111. Sanyo Special Steel Basic Information, Manufacturing Base and Competitors
Table 112. Sanyo Special Steel Major Business
Table 113. Sanyo Special Steel Powder Metallurgy High-Speed Steel Product and Services
Table 114. Sanyo Special Steel Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Sanyo Special Steel Recent Developments/Updates
Table 116. Sanyo Special Steel Competitive Strengths & Weaknesses
Table 117. Tiangong International Basic Information, Manufacturing Base and Competitors
Table 118. Tiangong International Major Business
Table 119. Tiangong International Powder Metallurgy High-Speed Steel Product and Services
Table 120. Tiangong International Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Tiangong International Recent Developments/Updates
Table 122. Tiangong International Competitive Strengths & Weaknesses
Table 123. Heye Special Steel Basic Information, Manufacturing Base and Competitors
Table 124. Heye Special Steel Major Business
Table 125. Heye Special Steel Powder Metallurgy High-Speed Steel Product and Services
Table 126. Heye Special Steel Powder Metallurgy High-Speed Steel Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Heye Special Steel Recent Developments/Updates
Table 128. Heye Special Steel Competitive Strengths & Weaknesses
Table 129. Changsha Sapu New Material Basic Information, Manufacturing Base and Competitors
Table 130. Changsha Sapu New Material Major Business
Table 131. Changsha Sapu New Material Powder Metallurgy High-Speed Steel Product and Services
Table 132. Changsha Sapu New Material Powder Metallurgy High-Speed Steel

+357 96 030922
info@marketpublishers.com

Production (Kilotons), Price (US$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Changsha Sapu New Material Recent Developments/Updates
Table 134. Changsha Sapu New Material Competitive Strengths & Weaknesses
Table 135. Global Key Players of Powder Metallurgy High-Speed Steel Upstream (Raw Materials)
Table 136. Global Powder Metallurgy High-Speed Steel Typical Customers
Table 137. Powder Metallurgy High-Speed Steel Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Powder Metallurgy High-Speed Steel Picture
Figure 2. World Powder Metallurgy High-Speed Steel Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Powder Metallurgy High-Speed Steel Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Powder Metallurgy High-Speed Steel Production (2021-2032) & (Kilotons)
Figure 5. World Powder Metallurgy High-Speed Steel Average Price (2021-2032) & (US$/Ton)
Figure 6. World Powder Metallurgy High-Speed Steel Production Value Market Share by Region (2021-2032)
Figure 7. World Powder Metallurgy High-Speed Steel Production Market Share by Region (2021-2032)
Figure 8. North America Powder Metallurgy High-Speed Steel Production (2021-2032) & (Kilotons)
Figure 9. Europe Powder Metallurgy High-Speed Steel Production (2021-2032) & (Kilotons)
Figure 10. Japan Powder Metallurgy High-Speed Steel Production (2021-2032) & (Kilotons)
Figure 11. China Powder Metallurgy High-Speed Steel Production (2021-2032) & (Kilotons)
Figure 12. Powder Metallurgy High-Speed Steel Market Drivers
Figure 13. Factors Affecting Demand
Figure 14. World Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 15. World Powder Metallurgy High-Speed Steel Consumption Market Share by Region (2021-2032)
Figure 16. United States Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 17. China Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 18. Europe Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 19. Japan Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)

+357 96 030922
info@marketpublishers.com

Figure 20. South Korea Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 21. ASEAN Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 22. India Powder Metallurgy High-Speed Steel Consumption (2021-2032) & (Kilotons)
Figure 23. Producer Shipments of Powder Metallurgy High-Speed Steel by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 24. Global Four-firm Concentration Ratios (CR4) for Powder Metallurgy High-Speed Steel Markets in 2025
Figure 25. Global Four-firm Concentration Ratios (CR8) for Powder Metallurgy High-Speed Steel Markets in 2025
Figure 26. United States VS China: Powder Metallurgy High-Speed Steel Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Powder Metallurgy High-Speed Steel Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Powder Metallurgy High-Speed Steel Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Powder Metallurgy High-Speed Steel Production Market Share 2025
Figure 30. China Based Manufacturers Powder Metallurgy High-Speed Steel Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Powder Metallurgy High-Speed Steel Production Market Share 2025
Figure 32. World Powder Metallurgy High-Speed Steel Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Powder Metallurgy High-Speed Steel Production Value Market Share by Type in 2025
Figure 34. Cobalt-Free Type
Figure 35. Low-Cobalt Type (?8%)
Figure 36. High-Cobalt Type (>8%)
Figure 37. World Powder Metallurgy High-Speed Steel Production Market Share by Type (2021-2032)
Figure 38. World Powder Metallurgy High-Speed Steel Production Value Market Share by Type (2021-2032)
Figure 39. World Powder Metallurgy High-Speed Steel Average Price by Type (2021-2032) & (US$/Ton)
Figure 40. World Powder Metallurgy High-Speed Steel Production Value by Vanadium Content, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 41. World Powder Metallurgy High-Speed Steel Production Value Market Share by Vanadium Content in 2025
Figure 42. Low-Vanadium Type (?3%)
Figure 43. Medium-Vanadium Type (3–6%)
Figure 44. High-Vanadium Type (>6%)
Figure 45. World Powder Metallurgy High-Speed Steel Production Market Share by Vanadium Content (2021-2032)
Figure 46. World Powder Metallurgy High-Speed Steel Production Value Market Share by Vanadium Content (2021-2032)
Figure 47. World Powder Metallurgy High-Speed Steel Average Price by Vanadium Content (2021-2032) & (US$/Ton)
Figure 48. World Powder Metallurgy High-Speed Steel Production Value by Product Form, (USD Million), 2021 & 2025 & 2032
Figure 49. World Powder Metallurgy High-Speed Steel Production Value Market Share by Product Form in 2025
Figure 50. Round Bars
Figure 51. Flat Bars & Plates
Figure 52. Wire & Strips
Figure 53. Other
Figure 54. World Powder Metallurgy High-Speed Steel Production Market Share by Product Form (2021-2032)
Figure 55. World Powder Metallurgy High-Speed Steel Production Value Market Share by Product Form (2021-2032)
Figure 56. World Powder Metallurgy High-Speed Steel Average Price by Product Form (2021-2032) & (US$/Ton)
Figure 57. World Powder Metallurgy High-Speed Steel Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 58. World Powder Metallurgy High-Speed Steel Production Value Market Share by Application in 2025
Figure 59. Cutting Tools
Figure 60. Cold Work Tooling
Figure 61. Plastic Processing Tooling
Figure 62. Wear Parts
Figure 63. Others
Figure 64. World Powder Metallurgy High-Speed Steel Production Market Share by Application (2021-2032)
Figure 65. World Powder Metallurgy High-Speed Steel Production Value Market Share by Application (2021-2032)
Figure 66. World Powder Metallurgy High-Speed Steel Average Price by Application

+357 96 030922
info@marketpublishers.com

(2021-2032) & (US$/Ton)
Figure 67. Powder Metallurgy High-Speed Steel Industry Chain
Figure 68. Powder Metallurgy High-Speed Steel Procurement Model
Figure 69. Powder Metallurgy High-Speed Steel Sales Model
Figure 70. Powder Metallurgy High-Speed Steel Sales Channels, Direct Sales, and Distribution
Figure 71. Methodology
Figure 72. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Powder Metallurgy High-Speed Steel Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GAA15F0B4CD1EN.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 https://marketpublishers.com/r/GAA15F0B4CD1EN.html