



Global Superhard Materials Industry Growth and Trends Forecast to 2032

Industry	Published	Pages	Format
Chemical & Material	2025-12-21	116	PDF
Single User	Multi User	Enterprise	
USD 3,450	USD 5,175	USD 6,900	

Description

A superhard material is a material with a hardness value exceeding 40 gigapascals (GPa) when measured by the Vickers hardness test. They are highly incompressible solids with high electron density and high bond covalency. As a result of their unique properties, these materials are of great interest in many industrial areas including, but not limited to, abrasives, polishing and cutting tools and wear-resistant and protective coatings. Diamond is the hardest known material to date, with a Vickers hardness in the range of 70–150 GPa. Diamond demonstrates both high thermal conductivity and electrically insulating properties and much attention has been put into finding practical applications of this material. However, diamond has several limitations for mass industrial application, including its high cost and oxidation at temperatures above 800 °C. In addition, diamond dissolves in iron and forms iron carbides at high temperatures and therefore is inefficient in cutting ferrous materials including steel. Therefore, recent research of superhard materials has been focusing on compounds which would be thermally and chemically more stable than pure diamond.

Superhard materials can be generally classified into two categories: intrinsic compounds and extrinsic compounds. The intrinsic group includes diamond, cubic boron nitride (c-BN), carbon nitrides and ternary compounds such as B-N-C, which possess an innate hardness. Conversely, extrinsic materials are those that have superhardness and other mechanical properties that are determined by their microstructure rather than composition. An example of extrinsic superhard material is nanocrystalline diamond known as aggregated diamond nanorods.

Global Superhard Materials main players include Element Six, Sandvik, ILJIN Diamond, Zhongnan Diamond, Huanghe Whirlwind, Sino-Crystal Diamond, etc., totally accounting for about 75% of market. Asia-Pacific is the largest market, with a share over 53%. As for the types of products, it can be divided into Synthetic Diamond and Cubic Boron Nitride. The most common product is Synthetic Diamond, with a share over 92%. In terms of applications, it is widely used in Stone and Construction, Abrasives Category, Composite Polycrystalline Tool and Others. The most application is in Stone and Construction, with a share over 40%.

Report Scope

This report provides a structured, data-driven view of the global Superhard Materials market, combining harmonized quantitative metrics with targeted qualitative insight to support business and growth strategy, market positioning, and capital allocation.

The Superhard Materials market size, estimates, and forecasts are presented in terms of sales volume (M Ct) and revenue (US\$ million), with 2025 as the base year and historical and forecast data for 2021-2032. The report segments the global Superhard Materials market by Type, Application, region/country, and company, provides regional market sizes at the segment level, profiles the competitive landscape and key players and

their market ranks, and reviews technology trends and new product developments relevant to Superhard Materials.

Key Companies & Market Share Insights

This section analyzes the strategies and performance of leading manufacturers in the global Superhard Materials market, including portfolio focus, innovation and product development, mergers and acquisitions, collaborations, and geographic expansion used to sustain or enhance competitive positions. It also summarizes recent corporate developments and key financial indicators and provides global revenue, price, and sales volume data by manufacturer for 2020-2025, enabling benchmarking of scale, pricing, and market share and supporting assessment of market concentration through indicators such as CR5 and CR10.

Superhard Materials Market by Company

- Element Six
- Sandvik
- ILJIN Diamond
- Zhongnan Diamond
- Huanghe Whirlwind
- Sino-Crystal Diamond
- JINQU Superhard
- CR GEMS
- Anhui HongJing
- SF-Diamond
- Yalong Superhard Materials
- Saint-Gobain
- Sumitomo Electric Industries
- Tomei Diamond
- FUNIK
- Famous Diamond
- Besco Superabrasives
- Zhengzhou Zhong Peng

Superhard Materials Segment by Type

- Synthetic Diamond
- Cubic Boron Nitride

Superhard Materials Segment by Application

- Stone and Construction
- Abrasives Category
- Composite Polycrystalline Tool
- Others

Superhard Materials Segment by Region

- North America
 - United States
 - Canada
 - Mexico
- Europe
 - Germany
 - France
 - U.K.
 - Italy

Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Superhard Materials market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Superhard Materials and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Superhard Materials.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 2:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3:

Detailed analysis of Superhard Materials manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Sales, revenue of Superhard Materials in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5:

Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 6:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, South America, Middle East & Africa, sales and revenue by country.

Chapter 12:

Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13:

Concluding Insights of the report.

Table of Contents

1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Superhard Materials Market Size Estimates and Forecasts (2021-2032)
 - 1.2.2 Global Superhard Materials Sales Estimates and Forecasts (2021-2032)
- 1.3 Superhard Materials Market by Type
 - 1.3.1 Synthetic Diamond
 - 1.3.2 Cubic Boron Nitride
- 1.4 Global Superhard Materials Market Size by Type
 - 1.4.1 Global Superhard Materials Market Size Overview by Type (2021-2032)
 - 1.4.2 Global Superhard Materials Historic Market Size Review by Type (2021-2026)
 - 1.4.3 Global Superhard Materials Forecasted Market Size by Type (2027-2032)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Superhard Materials Sales Breakdown by Type (2021-2026)
 - 1.5.2 Europe Superhard Materials Sales Breakdown by Type (2021-2026)
 - 1.5.3 Asia-Pacific Superhard Materials Sales Breakdown by Type (2021-2026)
 - 1.5.4 South America Superhard Materials Sales Breakdown by Type (2021-2026)
 - 1.5.5 Middle East and Africa Superhard Materials Sales Breakdown by Type (2021-2026)

2 Global Market Dynamics

- 2.1 Superhard Materials Industry Trends
- 2.2 Superhard Materials Industry Drivers
- 2.3 Superhard Materials Industry Opportunities and Challenges
- 2.4 Superhard Materials Industry Restraints

3 Market Competitive Landscape by Company

- 3.1 Global Top Players by Superhard Materials Revenue (2021-2026)
- 3.2 Global Top Players by Superhard Materials Sales (2021-2026)
- 3.3 Global Top Players by Superhard Materials Price (2021-2026)
- 3.4 Global Superhard Materials Industry Company Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Superhard Materials Major Company Production Sites & Headquarters
- 3.6 Global Superhard Materials Company, Product Type & Application
- 3.7 Global Superhard Materials Company Establishment Date
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Superhard Materials Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Superhard Materials Players Market Share by Revenue in 2025
 - 3.8.3 2025 Superhard Materials Tier 1, Tier 2, and Tier 3

4 Superhard Materials Regional Status and Outlook

- 4.1 Global Superhard Materials Market Size and CAGR by Region: 2021 VS 2025 VS 2032
- 4.2 Global Superhard Materials Historic Market Size by Region
 - 4.2.1 Global Superhard Materials Sales in Volume by Region (2021-2026)
 - 4.2.2 Global Superhard Materials Sales in Value by Region (2021-2026)
 - 4.2.3 Global Superhard Materials Sales (Volume & Value), Price and Gross Margin (2021-2026)
- 4.3 Global Superhard Materials Forecasted Market Size by Region

- 4.3.1 Global Superhard Materials Sales in Volume by Region (2027-2032)
- 4.3.2 Global Superhard Materials Sales in Value by Region (2027-2032)
- 4.3.3 Global Superhard Materials Sales (Volume & Value), Price and Gross Margin (2027-2032)

5 Superhard Materials by Application

- 5.1 Superhard Materials Market by Application
 - 5.1.1 Stone and Construction
 - 5.1.2 Abrasives Category
 - 5.1.3 Composite Polycrystalline Tool
 - 5.1.4 Others
- 5.2 Global Superhard Materials Market Size by Application
 - 5.2.1 Global Superhard Materials Market Size Overview by Application (2021-2032)
 - 5.2.2 Global Superhard Materials Historic Market Size Review by Application (2021-2026)
 - 5.2.3 Global Superhard Materials Forecasted Market Size by Application (2027-2032)
- 5.3 Key Regions Market Size by Application
 - 5.3.1 North America Superhard Materials Sales Breakdown by Application (2021-2026)
 - 5.3.2 Europe Superhard Materials Sales Breakdown by Application (2021-2026)
 - 5.3.3 Asia-Pacific Superhard Materials Sales Breakdown by Application (2021-2026)
 - 5.3.4 South America Superhard Materials Sales Breakdown by Application (2021-2026)
 - 5.3.5 Middle East and Africa Superhard Materials Sales Breakdown by Application (2021-2026)

6 Company Profiles

- 6.1 Element Six
 - 6.1.1 Element Six Company Information
 - 6.1.2 Element Six Business Overview
 - 6.1.3 Element Six Superhard Materials Sales, Revenue and Gross Margin (2021-2026)
 - 6.1.4 Element Six Superhard Materials Product Portfolio
 - 6.1.5 Element Six Recent Developments
- 6.2 Sandvik
 - 6.2.1 Sandvik Company Information
 - 6.2.2 Sandvik Business Overview
 - 6.2.3 Sandvik Superhard Materials Sales, Revenue and Gross Margin (2021-2026)
 - 6.2.4 Sandvik Superhard Materials Product Portfolio
 - 6.2.5 Sandvik Recent Developments
- 6.3 ILJIN Diamond
 - 6.3.1 ILJIN Diamond Company Information
 - 6.3.2 ILJIN Diamond Business Overview
 - 6.3.3 ILJIN Diamond Superhard Materials Sales, Revenue and Gross Margin (2021-2026)
 - 6.3.4 ILJIN Diamond Superhard Materials Product Portfolio
 - 6.3.5 ILJIN Diamond Recent Developments
- 6.4 Zhongnan Diamond
 - 6.4.1 Zhongnan Diamond Company Information
 - 6.4.2 Zhongnan Diamond Business Overview
 - 6.4.3 Zhongnan Diamond Superhard Materials Sales, Revenue and Gross Margin (2021-2026)
 - 6.4.4 Zhongnan Diamond Superhard Materials Product Portfolio
 - 6.4.5 Zhongnan Diamond Recent Developments
- 6.5 Huanghe Whirlwind
 - 6.5.1 Huanghe Whirlwind Company Information
 - 6.5.2 Huanghe Whirlwind Business Overview

6.5.3 Huanghe Whirlwind Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.5.4 Huanghe Whirlwind Superhard Materials Product Portfolio

6.5.5 Huanghe Whirlwind Recent Developments

6.6 Sino-Crystal Diamond

6.6.1 Sino-Crystal Diamond Company Information

6.6.2 Sino-Crystal Diamond Business Overview

6.6.3 Sino-Crystal Diamond Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.6.4 Sino-Crystal Diamond Superhard Materials Product Portfolio

6.6.5 Sino-Crystal Diamond Recent Developments

6.7 JINQU Superhard

6.7.1 JINQU Superhard Company Information

6.7.2 JINQU Superhard Business Overview

6.7.3 JINQU Superhard Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.7.4 JINQU Superhard Superhard Materials Product Portfolio

6.7.5 JINQU Superhard Recent Developments

6.8 CR GEMS

6.8.1 CR GEMS Company Information

6.8.2 CR GEMS Business Overview

6.8.3 CR GEMS Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.8.4 CR GEMS Superhard Materials Product Portfolio

6.8.5 CR GEMS Recent Developments

6.9 Anhui HongJing

6.9.1 Anhui HongJing Company Information

6.9.2 Anhui HongJing Business Overview

6.9.3 Anhui HongJing Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.9.4 Anhui HongJing Superhard Materials Product Portfolio

6.9.5 Anhui HongJing Recent Developments

6.10 SF-Diamond

6.10.1 SF-Diamond Company Information

6.10.2 SF-Diamond Business Overview

6.10.3 SF-Diamond Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.10.4 SF-Diamond Superhard Materials Product Portfolio

6.10.5 SF-Diamond Recent Developments

6.11 Yalong Superhard Materials

6.11.1 Yalong Superhard Materials Company Information

6.11.2 Yalong Superhard Materials Business Overview

6.11.3 Yalong Superhard Materials Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.11.4 Yalong Superhard Materials Superhard Materials Product Portfolio

6.11.5 Yalong Superhard Materials Recent Developments

6.12 Saint-Gobain

6.12.1 Saint-Gobain Company Information

6.12.2 Saint-Gobain Business Overview

6.12.3 Saint-Gobain Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.12.4 Saint-Gobain Superhard Materials Product Portfolio

6.12.5 Saint-Gobain Recent Developments

6.13 Sumitomo Electric Industries

6.13.1 Sumitomo Electric Industries Company Information

6.13.2 Sumitomo Electric Industries Business Overview

6.13.3 Sumitomo Electric Industries Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.13.4 Sumitomo Electric Industries Superhard Materials Product Portfolio

6.13.5 Sumitomo Electric Industries Recent Developments

6.14 Tomei Diamond

6.14.1 Tomei Diamond Company Information

6.14.2 Tomei Diamond Business Overview

6.14.3 Tomei Diamond Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.14.4 Tomei Diamond Superhard Materials Product Portfolio

6.14.5 Tomei Diamond Recent Developments

6.15 FUNIK

6.15.1 FUNIK Company Information

6.15.2 FUNIK Business Overview

6.15.3 FUNIK Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.15.4 FUNIK Superhard Materials Product Portfolio

6.15.5 FUNIK Recent Developments

6.16 Famous Diamond

6.16.1 Famous Diamond Company Information

6.16.2 Famous Diamond Business Overview

6.16.3 Famous Diamond Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.16.4 Famous Diamond Superhard Materials Product Portfolio

6.16.5 Famous Diamond Recent Developments

6.17 Besco Superabrasives

6.17.1 Besco Superabrasives Company Information

6.17.2 Besco Superabrasives Business Overview

6.17.3 Besco Superabrasives Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.17.4 Besco Superabrasives Superhard Materials Product Portfolio

6.17.5 Besco Superabrasives Recent Developments

6.18 Zhengzhou Zhong Peng

6.18.1 Zhengzhou Zhong Peng Company Information

6.18.2 Zhengzhou Zhong Peng Business Overview

6.18.3 Zhengzhou Zhong Peng Superhard Materials Sales, Revenue and Gross Margin (2021-2026)

6.18.4 Zhengzhou Zhong Peng Superhard Materials Product Portfolio

6.18.5 Zhengzhou Zhong Peng Recent Developments

7 North America by Country

7.1 North America Superhard Materials Sales by Country

7.1.1 North America Superhard Materials Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

7.1.2 North America Superhard Materials Sales by Country (2021-2026)

7.1.3 North America Superhard Materials Sales Forecast by Country (2027-2032)

7.2 North America Superhard Materials Market Size by Country

7.2.1 North America Superhard Materials Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

7.2.2 North America Superhard Materials Market Size by Country (2021-2026)

7.2.3 North America Superhard Materials Market Size Forecast by Country (2027-2032)

8 Europe by Country

8.1 Europe Superhard Materials Sales by Country

8.1.1 Europe Superhard Materials Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

8.1.2 Europe Superhard Materials Sales by Country (2021-2026)

8.1.3 Europe Superhard Materials Sales Forecast by Country (2027-2032)

8.2 Europe Superhard Materials Market Size by Country

8.2.1 Europe Superhard Materials Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

8.2.2 Europe Superhard Materials Market Size by Country (2021-2026)

8.2.3 Europe Superhard Materials Market Size Forecast by Country (2027-2032)

9 Asia-Pacific by Country

9.1 Asia-Pacific Superhard Materials Sales by Country

9.1.1 Asia-Pacific Superhard Materials Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

9.1.2 Asia-Pacific Superhard Materials Sales by Country (2021-2026)

9.1.3 Asia-Pacific Superhard Materials Sales Forecast by Country (2027-2032)

9.2 Asia-Pacific Superhard Materials Market Size by Country

9.2.1 Asia-Pacific Superhard Materials Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

9.2.2 Asia-Pacific Superhard Materials Market Size by Country (2021-2026)

9.2.3 Asia-Pacific Superhard Materials Market Size Forecast by Country (2027-2032)

10 South America by Country

10.1 South America Superhard Materials Sales by Country

10.1.1 South America Superhard Materials Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

10.1.2 South America Superhard Materials Sales by Country (2021-2026)

10.1.3 South America Superhard Materials Sales Forecast by Country (2027-2032)

10.2 South America Superhard Materials Market Size by Country

10.2.1 South America Superhard Materials Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

10.2.2 South America Superhard Materials Market Size by Country (2021-2026)

10.2.3 South America Superhard Materials Market Size Forecast by Country (2027-2032)

11 Middle East and Africa by Country

11.1 Middle East and Africa Superhard Materials Sales by Country

11.1.1 Middle East and Africa Superhard Materials Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

11.1.2 Middle East and Africa Superhard Materials Sales by Country (2021-2026)

11.1.3 Middle East and Africa Superhard Materials Sales Forecast by Country (2027-2032)

11.2 Middle East and Africa Superhard Materials Market Size by Country

11.2.1 Middle East and Africa Superhard Materials Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

11.2.2 Middle East and Africa Superhard Materials Market Size by Country (2021-2026)

11.2.3 Middle East and Africa Superhard Materials Market Size Forecast by Country (2027-2032)

12 Value Chain and Sales Channels Analysis

12.1 Superhard Materials Value Chain Analysis

12.1.1 Superhard Materials Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Superhard Materials Production Mode & Process

12.2 Superhard Materials Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Superhard Materials Distributors

12.2.3 Superhard Materials Customers

13 Concluding Insights

14 Appendix

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Major Company of Synthetic Diamond
- Table 2: Major Company of Cubic Boron Nitride
- Table 3: Global Superhard Materials Sales by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Global Superhard Materials Sales by Type (2021-2026) & (M Ct)
- Table 5: Global Superhard Materials Sales Market Share in Volume by Type (2021-2026)
- Table 6: Global Superhard Materials Sales by Type (2021-2026) & (US\$ Million)
- Table 7: Global Superhard Materials Sales Market Share in Value by Type (2021-2026)
- Table 8: Global Superhard Materials Price by Type (2021-2026) & (USD/K Ct)
- Table 9: Global Superhard Materials Sales by Type (2027-2032) & (M Ct)
- Table 10: Global Superhard Materials Sales Market Share in Volume by Type (2027-2032)
- Table 11: Global Superhard Materials Sales by Type (2027-2032) & (US\$ Million)
- Table 12: Global Superhard Materials Sales Market Share in Value by Type (2027-2032)
- Table 13: Global Superhard Materials Price by Type (2027-2032) & (USD/K Ct)
- Table 14: North America Superhard Materials Sales by Type (2021-2026) & (M Ct)
- Table 15: North America Superhard Materials Sales by Type (2021-2026) & (US\$ Million)
- Table 16: Europe Superhard Materials Sales by Type (2021-2026) & (M Ct)
- Table 17: Europe Superhard Materials Sales by Type (2021-2026) & (US\$ Million)
- Table 18: Asia-Pacific Superhard Materials Sales by Type (2021-2026) & (M Ct)
- Table 19: Asia-Pacific Superhard Materials Sales by Type (2021-2026) & (US\$ Million)
- Table 20: Latin America Superhard Materials Sales by Type (2021-2026) & (M Ct)
- Table 21: Latin America Superhard Materials Sales by Type (2021-2026) & (US\$ Million)
- Table 22: Middle East and Africa Superhard Materials Sales by Type (2021-2026) & (M Ct)
- Table 23: Middle East and Africa Superhard Materials Sales by Type (2021-2026) & (US\$ Million)
- Table 24: Superhard Materials Industry Trends
- Table 25: Superhard Materials Industry Drivers
- Table 26: Superhard Materials Industry Opportunities and Challenges
- Table 27: Superhard Materials Industry Restraints
- Table 28: Global Superhard Materials Sales Revenue by Company (US\$ Million) & (2021-2026)
- Table 29: Global Superhard Materials Revenue Market Share by Company (2021-2026)
- Table 30: Global Superhard Materials Sales by Company (2021-2026) & (M Ct)
- Table 31: Global Superhard Materials Sales Share by Company (2021-2026)
- Table 32: Global Superhard Materials Market Price by Company (2021-2026) & (USD/K Ct)
- Table 33: Global Superhard Materials Industry Company Ranking, 2024 VS 2025 VS 2026
- Table 34: Global Superhard Materials Major Company Production Sites and Headquarters
- Table 35: Global Superhard Materials Company, Product Type & Application
- Table 36: Global Superhard Materials Company Establishment Date
- Table 37: Global Company Market Concentration Ratio (CR5 and HHI)
- Table 38: Global Superhard Materials by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 39: Global Superhard Materials Market Size Comparison by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 40: Global Superhard Materials Sales by Region (2021-2026) & (M Ct)
- Table 41: Global Superhard Materials Sales Market Share in Volume by Region (2021-2026)
- Table 42: Global Superhard Materials Sales by Region (2021-2026) & (US\$ Million)
- Table 43: Global Superhard Materials Sales Market Share in Value by Region (2021-2026)
- Table 44: Global Superhard Materials Sales (M Ct), Value (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 45: Global Superhard Materials Sales by Region (2027-2032) & (M Ct)
- Table 46: Global Superhard Materials Sales Market Share in Volume by Region (2027-2032)
- Table 47: Global Superhard Materials Sales by Region (2027-2032) & (US\$ Million)
- Table 48: Global Superhard Materials Sales Market Share in Value by Region (2027-2032)
- Table 49: Global Superhard Materials Sales (M Ct), Value (US\$ Million), Price (USD/K Ct) and Gross Margin (2027-2032)
- Table 50: Global Superhard Materials Sales by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 51: Global Superhard Materials Sales by Application (2021-2026) & (M Ct)
- Table 52: Global Superhard Materials Sales Market Share in Volume by Application (2021-2026)
- Table 53: Global Superhard Materials Sales by Application (2021-2026) & (US\$ Million)
- Table 54: Global Superhard Materials Sales Market Share in Value by Application (2021-2026)
- Table 55: Global Superhard Materials Price by Application (2021-2026) & (USD/K Ct)

- Table 56: Global Superhard Materials Sales by Application (2027-2032) & (M Ct)
- Table 57: Global Superhard Materials Sales Market Share in Volume by Application (2027-2032)
- Table 58: Global Superhard Materials Sales by Application (2027-2032) & (US\$ Million)
- Table 59: Global Superhard Materials Sales Market Share in Value by Application (2027-2032)
- Table 60: Global Superhard Materials Price by Application (2027-2032) & (USD/K Ct)
- Table 61: North America Superhard Materials Sales by Application (2021-2026) & (M Ct)
- Table 62: North America Superhard Materials Sales by Application (2021-2026) & (US\$ Million)
- Table 63: Europe Superhard Materials Sales by Application (2021-2026) & (M Ct)
- Table 64: Europe Superhard Materials Sales by Application (2021-2026) & (US\$ Million)
- Table 65: Asia-Pacific Superhard Materials Sales by Application (2021-2026) & (M Ct)
- Table 66: Asia-Pacific Superhard Materials Sales by Application (2021-2026) & (US\$ Million)
- Table 67: Latin America Superhard Materials Sales by Application (2021-2026) & (M Ct)
- Table 68: Latin America Superhard Materials Sales by Application (2021-2026) & (US\$ Million)
- Table 69: Middle East and Africa Superhard Materials Sales by Application (2021-2026) & (M Ct)
- Table 70: Middle East and Africa Superhard Materials Sales by Application (2021-2026) & (US\$ Million)
- Table 71: Element Six Company Information
- Table 72: Element Six Business Overview
- Table 73: Element Six Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 74: Element Six Superhard Materials Product Portfolio
- Table 75: Element Six Recent Development
- Table 76: Sandvik Company Information
- Table 77: Sandvik Business Overview
- Table 78: Sandvik Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 79: Sandvik Superhard Materials Product Portfolio
- Table 80: Sandvik Recent Development
- Table 81: ILJIN Diamond Company Information
- Table 82: ILJIN Diamond Business Overview
- Table 83: ILJIN Diamond Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 84: ILJIN Diamond Superhard Materials Product Portfolio
- Table 85: ILJIN Diamond Recent Development
- Table 86: Zhongnan Diamond Company Information
- Table 87: Zhongnan Diamond Business Overview
- Table 88: Zhongnan Diamond Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 89: Zhongnan Diamond Superhard Materials Product Portfolio
- Table 90: Zhongnan Diamond Recent Development
- Table 91: Huanghe Whirlwind Company Information
- Table 92: Huanghe Whirlwind Business Overview
- Table 93: Huanghe Whirlwind Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 94: Huanghe Whirlwind Superhard Materials Product Portfolio
- Table 95: Huanghe Whirlwind Recent Development
- Table 96: Sino-Crystal Diamond Company Information
- Table 97: Sino-Crystal Diamond Business Overview
- Table 98: Sino-Crystal Diamond Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 99: Sino-Crystal Diamond Superhard Materials Product Portfolio
- Table 100: Sino-Crystal Diamond Recent Development
- Table 101: JINQU Superhard Company Information
- Table 102: JINQU Superhard Business Overview
- Table 103: JINQU Superhard Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 104: JINQU Superhard Superhard Materials Product Portfolio
- Table 105: JINQU Superhard Recent Development
- Table 106: CR GEMS Company Information
- Table 107: CR GEMS Business Overview
- Table 108: CR GEMS Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
- Table 109: CR GEMS Superhard Materials Product Portfolio
- Table 110: CR GEMS Recent Development
- Table 111: Anhui HongJing Company Information
- Table 112: Anhui HongJing Business Overview
- Table 113: Anhui HongJing Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin

- (2021-2026)
- Table 114: Anhui HongJing Superhard Materials Product Portfolio
 - Table 115: Anhui HongJing Recent Development
 - Table 116: SF-Diamond Company Information
 - Table 117: SF-Diamond Business Overview
 - Table 118: SF-Diamond Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 119: SF-Diamond Superhard Materials Product Portfolio
 - Table 120: SF-Diamond Recent Development
 - Table 121: Yalong Superhard Materials Company Information
 - Table 122: Yalong Superhard Materials Business Overview
 - Table 123: Yalong Superhard Materials Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 124: Yalong Superhard Materials Superhard Materials Product Portfolio
 - Table 125: Yalong Superhard Materials Recent Development
 - Table 126: Saint-Gobain Company Information
 - Table 127: Saint-Gobain Business Overview
 - Table 128: Saint-Gobain Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 129: Saint-Gobain Superhard Materials Product Portfolio
 - Table 130: Saint-Gobain Recent Development
 - Table 131: Sumitomo Electric Industries Company Information
 - Table 132: Sumitomo Electric Industries Business Overview
 - Table 133: Sumitomo Electric Industries Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 134: Sumitomo Electric Industries Superhard Materials Product Portfolio
 - Table 135: Sumitomo Electric Industries Recent Development
 - Table 136: Tomei Diamond Company Information
 - Table 137: Tomei Diamond Business Overview
 - Table 138: Tomei Diamond Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 139: Tomei Diamond Superhard Materials Product Portfolio
 - Table 140: Tomei Diamond Recent Development
 - Table 141: FUNIK Company Information
 - Table 142: FUNIK Business Overview
 - Table 143: FUNIK Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 144: FUNIK Superhard Materials Product Portfolio
 - Table 145: FUNIK Recent Development
 - Table 146: Famous Diamond Company Information
 - Table 147: Famous Diamond Business Overview
 - Table 148: Famous Diamond Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 149: Famous Diamond Superhard Materials Product Portfolio
 - Table 150: Famous Diamond Recent Development
 - Table 151: Besco Superabrasives Company Information
 - Table 152: Besco Superabrasives Business Overview
 - Table 153: Besco Superabrasives Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 154: Besco Superabrasives Superhard Materials Product Portfolio
 - Table 155: Besco Superabrasives Recent Development
 - Table 156: Zhengzhou Zhong Peng Company Information
 - Table 157: Zhengzhou Zhong Peng Business Overview
 - Table 158: Zhengzhou Zhong Peng Superhard Materials Sales (M Ct), Revenue (US\$ Million), Price (USD/K Ct) and Gross Margin (2021-2026)
 - Table 159: Zhengzhou Zhong Peng Superhard Materials Product Portfolio
 - Table 160: Zhengzhou Zhong Peng Recent Development
 - Table 161: North America Superhard Materials Market Size Growth Rate (CAGR) by Country (M Ct): 2021 VS 2025 VS 2032
 - Table 162: North America Superhard Materials Sales by Country (2021-2026) & (M Ct)
 - Table 163: North America Superhard Materials Sales Market Share by Country (2021-2026)
 - Table 164: North America Superhard Materials Sales Forecast by Country (2027-2032) & (M Ct)
 - Table 165: North America Superhard Materials Sales Market Share Forecast by Country (2027-2032)
 - Table 166: North America Superhard Materials Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
 - Table 167: North America Superhard Materials Market Size by Country (2021-2026) & (US\$ Million)
 - Table 168: North America Superhard Materials Market Share by Country (2021-2026)

- Table 169: North America Superhard Materials Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 170: North America Superhard Materials Market Share Forecast by Country (2027-2032)
- Table 171: Europe Superhard Materials Market Size Growth Rate (CAGR) by Country (M Ct): 2021 VS 2025 VS 2032
- Table 172: Europe Superhard Materials Sales by Country (2021-2026) & (M Ct)
- Table 173: Europe Superhard Materials Sales Market Share by Country (2021-2026)
- Table 174: Europe Superhard Materials Sales Forecast by Country (2027-2032) & (M Ct)
- Table 175: Europe Superhard Materials Sales Market Share Forecast by Country (2027-2032)
- Table 176: Europe Superhard Materials Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 177: Europe Superhard Materials Market Size by Country (2021-2026) & (US\$ Million)
- Table 178: Europe Superhard Materials Market Share by Country (2021-2026)
- Table 179: Europe Superhard Materials Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 180: Europe Superhard Materials Market Share Forecast by Country (2027-2032)
- Table 181: Asia-Pacific Superhard Materials Market Size Growth Rate (CAGR) by Country (M Ct): 2021 VS 2025 VS 2032
- Table 182: Asia-Pacific Superhard Materials Sales by Country (2021-2026) & (M Ct)
- Table 183: Asia-Pacific Superhard Materials Sales Market Share by Country (2021-2026)
- Table 184: Asia-Pacific Superhard Materials Sales Forecast by Country (2027-2032) & (M Ct)
- Table 185: Asia-Pacific Superhard Materials Sales Market Share Forecast by Country (2027-2032)
- Table 186: Asia-Pacific Superhard Materials Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 187: Asia-Pacific Superhard Materials Market Size by Country (2021-2026) & (US\$ Million)
- Table 188: Asia-Pacific Superhard Materials Market Share by Country (2021-2026)
- Table 189: Asia-Pacific Superhard Materials Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 190: Asia-Pacific Superhard Materials Market Share Forecast by Country (2027-2032)
- Table 191: Latin America Superhard Materials Market Size Growth Rate (CAGR) by Country (M Ct): 2021 VS 2025 VS 2032
- Table 192: Latin America Superhard Materials Sales by Country (2021-2026) & (M Ct)
- Table 193: Latin America Superhard Materials Sales Market Share by Country (2021-2026)
- Table 194: Latin America Superhard Materials Sales Forecast by Country (2027-2032) & (M Ct)
- Table 195: Latin America Superhard Materials Sales Market Share Forecast by Country (2027-2032)
- Table 196: Latin America Superhard Materials Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 197: Latin America Superhard Materials Market Size by Country (2021-2026) & (US\$ Million)
- Table 198: Latin America Superhard Materials Market Share by Country (2021-2026)
- Table 199: Latin America Superhard Materials Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 200: Latin America Superhard Materials Market Share Forecast by Country (2027-2032)
- Table 201: Middle East and Africa Superhard Materials Market Size Growth Rate (CAGR) by Country (M Ct): 2021 VS 2025 VS 2032
- Table 202: Middle East and Africa Superhard Materials Sales by Country (2021-2026) & (M Ct)
- Table 203: Middle East and Africa Superhard Materials Sales Market Share by Country (2021-2026)
- Table 204: Middle East and Africa Superhard Materials Sales Forecast by Country (2027-2032) & (M Ct)
- Table 205: Middle East and Africa Superhard Materials Sales Market Share Forecast by Country (2027-2032)
- Table 206: Middle East and Africa Superhard Materials Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 207: Middle East and Africa Superhard Materials Market Size by Country (2021-2026) & (US\$ Million)
- Table 208: Middle East and Africa Superhard Materials Market Share by Country (2021-2026)
- Table 209: Middle East and Africa Superhard Materials Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 210: Middle East and Africa Superhard Materials Market Share Forecast by Country (2027-2032)
- Table 211: Key Raw Materials
- Table 212: Raw Materials Key Suppliers
- Table 213: Superhard Materials Distributors List
- Table 214: Superhard Materials Customers List
- Table 215: Research Programs/Design for This Report
- Table 216: Authors List of This Report
- Table 217: Secondary Sources
- Table 218: Primary Sources

List of Figures:

- Figure 1: Superhard Materials Image
- Figure 2: Global Superhard Materials Market Size (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global Superhard Materials Market Size (2021-2032) & (US\$ Million)
- Figure 4: Global Superhard Materials Sales (2021-2032) & (M Ct)
- Figure 5: Synthetic Diamond Image
- Figure 6: Global Synthetic Diamond Sales YoY Growth (2021-2032) & (M Ct)
- Figure 7: Cubic Boron Nitride Image

- Figure 8: Global Cubic Boron Nitride Sales YoY Growth (2021-2032) & (M Ct)
- Figure 9: Global Superhard Materials Market Size Overview by Type (2021-2032) & (US\$ Million)
- Figure 10: Global Superhard Materials Market Share by Type 2025 VS 2032
- Figure 11: North America Superhard Materials Sales Market Share in Volume by Type in 2025
- Figure 12: North America Superhard Materials Sales Market Share in Value by Type in 2025
- Figure 13: Europe Superhard Materials Sales Market Share in Volume by Type in 2025
- Figure 14: Europe Superhard Materials Sales Market Share in Value by Type in 2025
- Figure 15: Asia-Pacific Superhard Materials Sales Market Share in Volume by Type in 2025
- Figure 16: Asia-Pacific Superhard Materials Sales Market Share in Value by Type in 2025
- Figure 17: Latin America Superhard Materials Sales Market Share in Volume by Type in 2025
- Figure 18: Latin America Superhard Materials Sales Market Share in Value by Type in 2025
- Figure 19: Middle East and Africa Superhard Materials Sales Market Share in Volume by Type in 2025
- Figure 20: Middle East and Africa Superhard Materials Sales Market Share in Value by Type in 2025
- Figure 21: Global Top 5 and 10 Superhard Materials Players Market Share by Revenue in 2025
- Figure 22: Company Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Stone and Construction Image
- Figure 24: Global Stone and Construction Sales YoY Growth (2021-2032) & (M Ct)
- Figure 25: Abrasives Category Image
- Figure 26: Global Abrasives Category Sales YoY Growth (2021-2032) & (M Ct)
- Figure 27: Composite Polycrystalline Tool Image
- Figure 28: Global Composite Polycrystalline Tool Sales YoY Growth (2021-2032) & (M Ct)
- Figure 29: Others Image
- Figure 30: Global Others Sales YoY Growth (2021-2032) & (M Ct)
- Figure 31: Global Superhard Materials Market Size Overview by Application (2021-2032) & (US\$ Million)
- Figure 32: Global Superhard Materials Market Share by Application 2025 VS 2032
- Figure 33: North America Superhard Materials Sales Market Share in Volume by Application in 2025
- Figure 34: North America Superhard Materials Sales Market Share in Value by Application in 2025
- Figure 35: Europe Superhard Materials Sales Market Share in Volume by Application in 2025
- Figure 36: Europe Superhard Materials Sales Market Share in Value by Application in 2025
- Figure 37: Asia-Pacific Superhard Materials Sales Market Share in Volume by Application in 2025
- Figure 38: Asia-Pacific Superhard Materials Sales Market Share in Value by Application in 2025
- Figure 39: Latin America Superhard Materials Sales Market Share in Volume by Application in 2025
- Figure 40: Latin America Superhard Materials Sales Market Share in Value by Application in 2025
- Figure 41: Middle East and Africa Superhard Materials Sales Market Share in Volume by Application in 2025
- Figure 42: Middle East and Africa Superhard Materials Sales Market Share in Value by Application in 2025
- Figure 43: North America Superhard Materials Sales by Country: 2021 VS 2025 VS 2032 (M Ct)
- Figure 44: North America Superhard Materials Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 45: North America Superhard Materials Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 46: North America Superhard Materials Market Share by Country: 2021 VS 2025 VS 2032
- Figure 47: Europe Superhard Materials Sales by Country: 2021 VS 2025 VS 2032 (M Ct)
- Figure 48: Europe Superhard Materials Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 49: Europe Superhard Materials Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 50: Europe Superhard Materials Market Share by Country: 2021 VS 2025 VS 2032
- Figure 51: Asia-Pacific Superhard Materials Sales by Country: 2021 VS 2025 VS 2032 (M Ct)
- Figure 52: Asia-Pacific Superhard Materials Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 53: Asia-Pacific Superhard Materials Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 54: Asia-Pacific Superhard Materials Market Share by Country: 2021 VS 2025 VS 2032
- Figure 55: Latin America Superhard Materials Sales by Country: 2021 VS 2025 VS 2032 (M Ct)
- Figure 56: Latin America Superhard Materials Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 57: Latin America Superhard Materials Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 58: Latin America Superhard Materials Market Share by Country: 2021 VS 2025 VS 2032
- Figure 59: Middle East and Africa Superhard Materials Sales by Country: 2021 VS 2025 VS 2032 (M Ct)
- Figure 60: Middle East and Africa Superhard Materials Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 61: Middle East and Africa Superhard Materials Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 62: Middle East and Africa Superhard Materials Market Share by Country: 2021 VS 2025 VS 2032
- Figure 63: Superhard Materials Value Chain
- Figure 64: Key Raw Materials Price
- Figure 65: Manufacturing Cost Structure
- Figure 66: Superhard Materials Production Mode & Process
- Figure 67: Direct Comparison with Distribution Share
- Figure 68: Distributors Profiles
- Figure 69: Years Considered
- Figure 70: Research Process
- Figure 71: Key Executives Interviewed

