

# Global Ultrafine Grain Cemented Carbide Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G2F27CBDA4E5EN.html>

Date: July 2024

Pages: 103

Price: US\$ 3,480.00 (Single User License)

ID: G2F27CBDA4E5EN

## Abstracts

According to our (Global Info Research) latest study, the global Ultrafine Grain Cemented Carbide market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Ultrafine Grain Cemented Carbide market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Ultrafine Grain Cemented Carbide market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Ultrafine Grain Cemented Carbide market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Ultrafine Grain Cemented Carbide market size and forecasts, by Type and by

Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Ultrafine Grain Cemented Carbide market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Ultrafine Grain Cemented Carbide

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Ultrafine Grain Cemented Carbide 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 Sandvik, Kennametal, ISCAR, Ceratizit and Mitsubishi Matetials, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Ultrafine Grain Cemented Carbide market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

New Bonded Phase Nanocrystalline Cemented Carbide

No Binder Phase Nanocrystalline Cemented Carbide

Gradient Nanocrystalline Cemented Carbide

Coated Nanocrystalline Cemented Carbide

#### Market segment by Application

Electronic Information

Automobile Manufacturing

Aerospace

Defense Military

Other

#### Major players covered

Sandvik

Kennametal

ISCAR

Ceratizit

Mitsubishi Matetials

ToshibaTungalloy

Inframat

KF

Plansee

Forecreu

## Hunan Boyun Oriental Powder Metallurgy

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe Ultrafine Grain Cemented Carbide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ultrafine Grain Cemented Carbide, with price, sales, revenue and global market share of Ultrafine Grain Cemented Carbide from 2018 to 2023.

Chapter 3, the Ultrafine Grain Cemented Carbide competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ultrafine Grain Cemented Carbide breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales

quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Ultrafine Grain Cemented Carbide market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ultrafine Grain Cemented Carbide.

Chapter 14 and 15, to describe Ultrafine Grain Cemented Carbide sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Ultrafine Grain Cemented Carbide
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Ultrafine Grain Cemented Carbide Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 New Bonded Phase Nanocrystalline Cemented Carbide
  - 1.3.3 No Binder Phase Nanocrystalline Cemented Carbide
  - 1.3.4 Gradient Nanocrystalline Cemented Carbide
  - 1.3.5 Coated Nanocrystalline Cemented Carbide
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Ultrafine Grain Cemented Carbide Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Electronic Information
  - 1.4.3 Automobile Manufacturing
  - 1.4.4 Aerospace
  - 1.4.5 Defense Military
  - 1.4.6 Other
- 1.5 Global Ultrafine Grain Cemented Carbide Market Size & Forecast
  - 1.5.1 Global Ultrafine Grain Cemented Carbide Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Ultrafine Grain Cemented Carbide Sales Quantity (2018-2029)
  - 1.5.3 Global Ultrafine Grain Cemented Carbide Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Sandvik
  - 2.1.1 Sandvik Details
  - 2.1.2 Sandvik Major Business
  - 2.1.3 Sandvik Ultrafine Grain Cemented Carbide Product and Services
  - 2.1.4 Sandvik Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Sandvik Recent Developments/Updates
- 2.2 Kennametal
  - 2.2.1 Kennametal Details
  - 2.2.2 Kennametal Major Business

- 2.2.3 Kennametal Ultrafine Grain Cemented Carbide Product and Services
- 2.2.4 Kennametal Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Kennametal Recent Developments/Updates
- 2.3 ISCAR
  - 2.3.1 ISCAR Details
  - 2.3.2 ISCAR Major Business
  - 2.3.3 ISCAR Ultrafine Grain Cemented Carbide Product and Services
  - 2.3.4 ISCAR Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 ISCAR Recent Developments/Updates
- 2.4 Ceratizit
  - 2.4.1 Ceratizit Details
  - 2.4.2 Ceratizit Major Business
  - 2.4.3 Ceratizit Ultrafine Grain Cemented Carbide Product and Services
  - 2.4.4 Ceratizit Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Ceratizit Recent Developments/Updates
- 2.5 Mitsubishi Matetials
  - 2.5.1 Mitsubishi Matetials Details
  - 2.5.2 Mitsubishi Matetials Major Business
  - 2.5.3 Mitsubishi Matetials Ultrafine Grain Cemented Carbide Product and Services
  - 2.5.4 Mitsubishi Matetials Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Mitsubishi Matetials Recent Developments/Updates
- 2.6 ToshibaTungalloy
  - 2.6.1 ToshibaTungalloy Details
  - 2.6.2 ToshibaTungalloy Major Business
  - 2.6.3 ToshibaTungalloy Ultrafine Grain Cemented Carbide Product and Services
  - 2.6.4 ToshibaTungalloy Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 ToshibaTungalloy Recent Developments/Updates
- 2.7 Inframat
  - 2.7.1 Inframat Details
  - 2.7.2 Inframat Major Business
  - 2.7.3 Inframat Ultrafine Grain Cemented Carbide Product and Services
  - 2.7.4 Inframat Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Inframat Recent Developments/Updates

## 2.8 KF

### 2.8.1 KF Details

### 2.8.2 KF Major Business

### 2.8.3 KF Ultrafine Grain Cemented Carbide Product and Services

### 2.8.4 KF Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.8.5 KF Recent Developments/Updates

## 2.9 Plansee

### 2.9.1 Plansee Details

### 2.9.2 Plansee Major Business

### 2.9.3 Plansee Ultrafine Grain Cemented Carbide Product and Services

### 2.9.4 Plansee Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.9.5 Plansee Recent Developments/Updates

## 2.10 Forecreu

### 2.10.1 Forecreu Details

### 2.10.2 Forecreu Major Business

### 2.10.3 Forecreu Ultrafine Grain Cemented Carbide Product and Services

### 2.10.4 Forecreu Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.10.5 Forecreu Recent Developments/Updates

## 2.11 Hunan Boyun Oriental Powder Metallurgy

### 2.11.1 Hunan Boyun Oriental Powder Metallurgy Details

### 2.11.2 Hunan Boyun Oriental Powder Metallurgy Major Business

### 2.11.3 Hunan Boyun Oriental Powder Metallurgy Ultrafine Grain Cemented Carbide Product and Services

### 2.11.4 Hunan Boyun Oriental Powder Metallurgy Ultrafine Grain Cemented Carbide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.11.5 Hunan Boyun Oriental Powder Metallurgy Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: ULTRAFINE GRAIN CEMENTED CARBIDE BY MANUFACTURER**

### 3.1 Global Ultrafine Grain Cemented Carbide Sales Quantity by Manufacturer (2018-2023)

### 3.2 Global Ultrafine Grain Cemented Carbide Revenue by Manufacturer (2018-2023)

### 3.3 Global Ultrafine Grain Cemented Carbide Average Price by Manufacturer (2018-2023)

### 3.4 Market Share Analysis (2022)



3.4.1 Producer Shipments of Ultrafine Grain Cemented Carbide by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Ultrafine Grain Cemented Carbide Manufacturer Market Share in 2022

3.4.2 Top 6 Ultrafine Grain Cemented Carbide Manufacturer Market Share in 2022

3.5 Ultrafine Grain Cemented Carbide Market: Overall Company Footprint Analysis

3.5.1 Ultrafine Grain Cemented Carbide Market: Region Footprint

3.5.2 Ultrafine Grain Cemented Carbide Market: Company Product Type Footprint

3.5.3 Ultrafine Grain Cemented Carbide Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Ultrafine Grain Cemented Carbide Market Size by Region

4.1.1 Global Ultrafine Grain Cemented Carbide Sales Quantity by Region (2018-2029)

4.1.2 Global Ultrafine Grain Cemented Carbide Consumption Value by Region (2018-2029)

4.1.3 Global Ultrafine Grain Cemented Carbide Average Price by Region (2018-2029)

4.2 North America Ultrafine Grain Cemented Carbide Consumption Value (2018-2029)

4.3 Europe Ultrafine Grain Cemented Carbide Consumption Value (2018-2029)

4.4 Asia-Pacific Ultrafine Grain Cemented Carbide Consumption Value (2018-2029)

4.5 South America Ultrafine Grain Cemented Carbide Consumption Value (2018-2029)

4.6 Middle East and Africa Ultrafine Grain Cemented Carbide Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2029)

5.2 Global Ultrafine Grain Cemented Carbide Consumption Value by Type (2018-2029)

5.3 Global Ultrafine Grain Cemented Carbide Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2029)

6.2 Global Ultrafine Grain Cemented Carbide Consumption Value by Application (2018-2029)

6.3 Global Ultrafine Grain Cemented Carbide Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2029)
- 7.2 North America Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2029)
- 7.3 North America Ultrafine Grain Cemented Carbide Market Size by Country
  - 7.3.1 North America Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2029)
- 8.2 Europe Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2029)
- 8.3 Europe Ultrafine Grain Cemented Carbide Market Size by Country
  - 8.3.1 Europe Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2029)
  - 8.3.2 Europe Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2029)
  - 8.3.3 Germany Market Size and Forecast (2018-2029)
  - 8.3.4 France Market Size and Forecast (2018-2029)
  - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
  - 8.3.6 Russia Market Size and Forecast (2018-2029)
  - 8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Ultrafine Grain Cemented Carbide Market Size by Region
  - 9.3.1 Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Ultrafine Grain Cemented Carbide Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2029)

10.2 South America Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2029)

10.3 South America Ultrafine Grain Cemented Carbide Market Size by Country

10.3.1 South America Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2029)

10.3.2 South America Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Ultrafine Grain Cemented Carbide Market Size by Country

11.3.1 Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Ultrafine Grain Cemented Carbide Market Drivers
- 12.2 Ultrafine Grain Cemented Carbide Market Restraints
- 12.3 Ultrafine Grain Cemented Carbide Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
  - 12.5.1 Influence of COVID-19
  - 12.5.2 Influence of Russia-Ukraine War

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Ultrafine Grain Cemented Carbide and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Ultrafine Grain Cemented Carbide
- 13.3 Ultrafine Grain Cemented Carbide Production Process
- 13.4 Ultrafine Grain Cemented Carbide Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Ultrafine Grain Cemented Carbide Typical Distributors
- 14.3 Ultrafine Grain Cemented Carbide Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Ultrafine Grain Cemented Carbide Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Ultrafine Grain Cemented Carbide Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Sandvik Basic Information, Manufacturing Base and Competitors

Table 4. Sandvik Major Business

Table 5. Sandvik Ultrafine Grain Cemented Carbide Product and Services

Table 6. Sandvik Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Sandvik Recent Developments/Updates

Table 8. Kennametal Basic Information, Manufacturing Base and Competitors

Table 9. Kennametal Major Business

Table 10. Kennametal Ultrafine Grain Cemented Carbide Product and Services

Table 11. Kennametal Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Kennametal Recent Developments/Updates

Table 13. ISCAR Basic Information, Manufacturing Base and Competitors

Table 14. ISCAR Major Business

Table 15. ISCAR Ultrafine Grain Cemented Carbide Product and Services

Table 16. ISCAR Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. ISCAR Recent Developments/Updates

Table 18. Ceratizit Basic Information, Manufacturing Base and Competitors

Table 19. Ceratizit Major Business

Table 20. Ceratizit Ultrafine Grain Cemented Carbide Product and Services

Table 21. Ceratizit Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Ceratizit Recent Developments/Updates

Table 23. Mitsubishi Matetials Basic Information, Manufacturing Base and Competitors

Table 24. Mitsubishi Matetials Major Business

Table 25. Mitsubishi Matetials Ultrafine Grain Cemented Carbide Product and Services

Table 26. Mitsubishi Matetials Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Mitsubishi Matetials Recent Developments/Updates

Table 28. ToshibaTungalloy Basic Information, Manufacturing Base and Competitors

Table 29. ToshibaTungalloy Major Business

Table 30. ToshibaTungalloy Ultrafine Grain Cemented Carbide Product and Services

Table 31. ToshibaTungalloy Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. ToshibaTungalloy Recent Developments/Updates

Table 33. Inframat Basic Information, Manufacturing Base and Competitors

Table 34. Inframat Major Business

Table 35. Inframat Ultrafine Grain Cemented Carbide Product and Services

Table 36. Inframat Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Inframat Recent Developments/Updates

Table 38. KF Basic Information, Manufacturing Base and Competitors

Table 39. KF Major Business

Table 40. KF Ultrafine Grain Cemented Carbide Product and Services

Table 41. KF Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. KF Recent Developments/Updates

Table 43. Plansee Basic Information, Manufacturing Base and Competitors

Table 44. Plansee Major Business

Table 45. Plansee Ultrafine Grain Cemented Carbide Product and Services

Table 46. Plansee Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Plansee Recent Developments/Updates

Table 48. Forecreu Basic Information, Manufacturing Base and Competitors

Table 49. Forecreu Major Business

Table 50. Forecreu Ultrafine Grain Cemented Carbide Product and Services

Table 51. Forecreu Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Forecreu Recent Developments/Updates

Table 53. Hunan Boyun Oriental Powder Metallurgy Basic Information, Manufacturing Base and Competitors

Table 54. Hunan Boyun Oriental Powder Metallurgy Major Business

Table 55. Hunan Boyun Oriental Powder Metallurgy Ultrafine Grain Cemented Carbide Product and Services

Table 56. Hunan Boyun Oriental Powder Metallurgy Ultrafine Grain Cemented Carbide Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin



and Market Share (2018-2023)

Table 57. Hunan Boyun Oriental Powder Metallurgy Recent Developments/Updates

Table 58. Global Ultrafine Grain Cemented Carbide Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 59. Global Ultrafine Grain Cemented Carbide Revenue by Manufacturer (2018-2023) & (USD Million)

Table 60. Global Ultrafine Grain Cemented Carbide Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 61. Market Position of Manufacturers in Ultrafine Grain Cemented Carbide, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 62. Head Office and Ultrafine Grain Cemented Carbide Production Site of Key Manufacturer

Table 63. Ultrafine Grain Cemented Carbide Market: Company Product Type Footprint

Table 64. Ultrafine Grain Cemented Carbide Market: Company Product Application Footprint

Table 65. Ultrafine Grain Cemented Carbide New Market Entrants and Barriers to Market Entry

Table 66. Ultrafine Grain Cemented Carbide Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Ultrafine Grain Cemented Carbide Sales Quantity by Region (2018-2023) & (Tons)

Table 68. Global Ultrafine Grain Cemented Carbide Sales Quantity by Region (2024-2029) & (Tons)

Table 69. Global Ultrafine Grain Cemented Carbide Consumption Value by Region (2018-2023) & (USD Million)

Table 70. Global Ultrafine Grain Cemented Carbide Consumption Value by Region (2024-2029) & (USD Million)

Table 71. Global Ultrafine Grain Cemented Carbide Average Price by Region (2018-2023) & (US\$/Ton)

Table 72. Global Ultrafine Grain Cemented Carbide Average Price by Region (2024-2029) & (US\$/Ton)

Table 73. Global Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2023) & (Tons)

Table 74. Global Ultrafine Grain Cemented Carbide Sales Quantity by Type (2024-2029) & (Tons)

Table 75. Global Ultrafine Grain Cemented Carbide Consumption Value by Type (2018-2023) & (USD Million)

Table 76. Global Ultrafine Grain Cemented Carbide Consumption Value by Type (2024-2029) & (USD Million)

Table 77. Global Ultrafine Grain Cemented Carbide Average Price by Type (2018-2023) & (US\$/Ton)

Table 78. Global Ultrafine Grain Cemented Carbide Average Price by Type (2024-2029) & (US\$/Ton)

Table 79. Global Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2023) & (Tons)

Table 80. Global Ultrafine Grain Cemented Carbide Sales Quantity by Application (2024-2029) & (Tons)

Table 81. Global Ultrafine Grain Cemented Carbide Consumption Value by Application (2018-2023) & (USD Million)

Table 82. Global Ultrafine Grain Cemented Carbide Consumption Value by Application (2024-2029) & (USD Million)

Table 83. Global Ultrafine Grain Cemented Carbide Average Price by Application (2018-2023) & (US\$/Ton)

Table 84. Global Ultrafine Grain Cemented Carbide Average Price by Application (2024-2029) & (US\$/Ton)

Table 85. North America Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2023) & (Tons)

Table 86. North America Ultrafine Grain Cemented Carbide Sales Quantity by Type (2024-2029) & (Tons)

Table 87. North America Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2023) & (Tons)

Table 88. North America Ultrafine Grain Cemented Carbide Sales Quantity by Application (2024-2029) & (Tons)

Table 89. North America Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2023) & (Tons)

Table 90. North America Ultrafine Grain Cemented Carbide Sales Quantity by Country (2024-2029) & (Tons)

Table 91. North America Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2023) & (USD Million)

Table 92. North America Ultrafine Grain Cemented Carbide Consumption Value by Country (2024-2029) & (USD Million)

Table 93. Europe Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2023) & (Tons)

Table 94. Europe Ultrafine Grain Cemented Carbide Sales Quantity by Type (2024-2029) & (Tons)

Table 95. Europe Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2023) & (Tons)

Table 96. Europe Ultrafine Grain Cemented Carbide Sales Quantity by Application



(2024-2029) & (Tons)

Table 97. Europe Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2023) & (Tons)

Table 98. Europe Ultrafine Grain Cemented Carbide Sales Quantity by Country (2024-2029) & (Tons)

Table 99. Europe Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2023) & (USD Million)

Table 100. Europe Ultrafine Grain Cemented Carbide Consumption Value by Country (2024-2029) & (USD Million)

Table 101. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2023) & (Tons)

Table 102. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Type (2024-2029) & (Tons)

Table 103. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2023) & (Tons)

Table 104. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Application (2024-2029) & (Tons)

Table 105. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Region (2018-2023) & (Tons)

Table 106. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity by Region (2024-2029) & (Tons)

Table 107. Asia-Pacific Ultrafine Grain Cemented Carbide Consumption Value by Region (2018-2023) & (USD Million)

Table 108. Asia-Pacific Ultrafine Grain Cemented Carbide Consumption Value by Region (2024-2029) & (USD Million)

Table 109. South America Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2023) & (Tons)

Table 110. South America Ultrafine Grain Cemented Carbide Sales Quantity by Type (2024-2029) & (Tons)

Table 111. South America Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2023) & (Tons)

Table 112. South America Ultrafine Grain Cemented Carbide Sales Quantity by Application (2024-2029) & (Tons)

Table 113. South America Ultrafine Grain Cemented Carbide Sales Quantity by Country (2018-2023) & (Tons)

Table 114. South America Ultrafine Grain Cemented Carbide Sales Quantity by Country (2024-2029) & (Tons)

Table 115. South America Ultrafine Grain Cemented Carbide Consumption Value by Country (2018-2023) & (USD Million)

Table 116. South America Ultrafine Grain Cemented Carbide Consumption Value by Country (2024-2029) & (USD Million)

Table 117. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Type (2018-2023) & (Tons)

Table 118. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Type (2024-2029) & (Tons)

Table 119. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Application (2018-2023) & (Tons)

Table 120. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Application (2024-2029) & (Tons)

Table 121. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Region (2018-2023) & (Tons)

Table 122. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity by Region (2024-2029) & (Tons)

Table 123. Middle East & Africa Ultrafine Grain Cemented Carbide Consumption Value by Region (2018-2023) & (USD Million)

Table 124. Middle East & Africa Ultrafine Grain Cemented Carbide Consumption Value by Region (2024-2029) & (USD Million)

Table 125. Ultrafine Grain Cemented Carbide Raw Material

Table 126. Key Manufacturers of Ultrafine Grain Cemented Carbide Raw Materials

Table 127. Ultrafine Grain Cemented Carbide Typical Distributors

Table 128. Ultrafine Grain Cemented Carbide Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Ultrafine Grain Cemented Carbide Picture

Figure 2. Global Ultrafine Grain Cemented Carbide Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Ultrafine Grain Cemented Carbide Consumption Value Market Share by Type in 2022

Figure 4. New Bonded Phase Nanocrystalline Cemented Carbide Examples

Figure 5. No Binder Phase Nanocrystalline Cemented Carbide Examples

Figure 6. Gradient Nanocrystalline Cemented Carbide Examples

Figure 7. Coated Nanocrystalline Cemented Carbide Examples

Figure 8. Global Ultrafine Grain Cemented Carbide Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 9. Global Ultrafine Grain Cemented Carbide Consumption Value Market Share by Application in 2022

Figure 10. Electronic Information Examples

Figure 11. Automobile Manufacturing Examples

Figure 12. Aerospace Examples

Figure 13. Defense Military Examples

Figure 14. Other Examples

Figure 15. Global Ultrafine Grain Cemented Carbide Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 16. Global Ultrafine Grain Cemented Carbide Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Ultrafine Grain Cemented Carbide Sales Quantity (2018-2029) & (Tons)

Figure 18. Global Ultrafine Grain Cemented Carbide Average Price (2018-2029) & (US\$/Ton)

Figure 19. Global Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Ultrafine Grain Cemented Carbide Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Ultrafine Grain Cemented Carbide by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Ultrafine Grain Cemented Carbide Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Ultrafine Grain Cemented Carbide Manufacturer (Consumption Value)

## Market Share in 2022

Figure 24. Global Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global Ultrafine Grain Cemented Carbide Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Ultrafine Grain Cemented Carbide Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Ultrafine Grain Cemented Carbide Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Ultrafine Grain Cemented Carbide Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Ultrafine Grain Cemented Carbide Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Ultrafine Grain Cemented Carbide Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global Ultrafine Grain Cemented Carbide Consumption Value Market Share by Type (2018-2029)

Figure 33. Global Ultrafine Grain Cemented Carbide Average Price by Type (2018-2029) & (US\$/Ton)

Figure 34. Global Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Ultrafine Grain Cemented Carbide Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Ultrafine Grain Cemented Carbide Average Price by Application (2018-2029) & (US\$/Ton)

Figure 37. North America Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Ultrafine Grain Cemented Carbide Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Type (2018-2029)

Figure 45. Europe Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Ultrafine Grain Cemented Carbide Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Ultrafine Grain Cemented Carbide Consumption Value Market Share by Region (2018-2029)

Figure 57. China Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Ultrafine Grain Cemented Carbide Consumption Value and Growth

Rate (2018-2029) & (USD Million)

Figure 63. South America Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Type (2018-2029)

Figure 64. South America Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America Ultrafine Grain Cemented Carbide Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Type (2018-2029)

Figure 70. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa Ultrafine Grain Cemented Carbide Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa Ultrafine Grain Cemented Carbide Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa Ultrafine Grain Cemented Carbide Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Ultrafine Grain Cemented Carbide Market Drivers

Figure 78. Ultrafine Grain Cemented Carbide Market Restraints

Figure 79. Ultrafine Grain Cemented Carbide Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Ultrafine Grain Cemented Carbide in 2022

Figure 82. Manufacturing Process Analysis of Ultrafine Grain Cemented Carbide

Figure 83. Ultrafine Grain Cemented Carbide Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons



Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

## I would like to order

Product name: Global Ultrafine Grain Cemented Carbide Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G2F27CBDA4E5EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2F27CBDA4E5EN.html>

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

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

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

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



