

# Global Tungsten Carbide Hard Alloy Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Tungsten Carbide Hard Alloy market size was valued at US\$ 15187 million in 2025 and is forecast to a readjusted size of US\$ 21024 million by 2032 with a CAGR of 4.9% during review period.

Tungsten carbide cemented carbide is a high-hardness composite material produced through powder metallurgy sintering; it consists of tungsten carbide as the hard phase and metals?such as cobalt or nickel?as the binder phase. Characterized by exceptional wear resistance, high-temperature stability, and high compressive strength, it is widely utilized in cutting tools, molds, mining tools, and wear-resistant components.

The upstream sector encompasses tungsten ore, tungsten concentrates, Ammonium Paratungstate (APT), tungsten carbide powder, cobalt powder, nickel powder, tantalum-niobium carbides, and powder metallurgy equipment. The downstream sector finds application in fields such as mechanical processing, automotive manufacturing, aerospace, mining, oil and gas drilling, and electronic molds.

Globally, the average unit price for tungsten carbide cemented carbide stands at \$182 per kilogram, with global sales volume reaching approximately 81,100 tons. The industry's annual production capacity ranges from 110,000 to 140,000 tons, and the profit margin is approximately 22%.

This report is a detailed and comprehensive analysis for global Tungsten Carbide Hard Alloy 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 2025, are provided.

#### Key Features:

Global Tungsten Carbide Hard Alloy market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Tungsten Carbide Hard Alloy market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Tungsten Carbide Hard Alloy market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Tungsten Carbide Hard Alloy market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

#### 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 Tungsten Carbide Hard Alloy

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 Tungsten Carbide Hard Alloy market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Axismateria, Sandvik, Hyperion Materials & Technologies, Federal Carbide, CERATIZIT, G?hring, Walter, Betek, DURIT, Mitsubishi Materials, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Tungsten Carbide Hard Alloy market is split by Type and by Application. For the period 2021-2032, 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

WC-Co Cemented Carbide

WC-Ni Cemented Carbide

WC-Co-Ni Cemented Carbide

WC-TiC-Co Cemented Carbide

WC-TiC-TaC-Co Cemented Carbide

### Market segment by Cobalt Content

Low-Cobalt Cemented Carbide

Medium-Cobalt Cemented Carbide

High-Cobalt Cemented Carbide

### Market segment by Processing Method

Pressed and Sintered Cemented Carbide

Extruded Cemented Carbide

Injection-Molded Cemented Carbide

Hot-Isostatic-Pressed Cemented Carbide

Additive-Manufactured Cemented Carbide

#### Market segment by Application

Cutting Tool

Mining Tool

Drilling Tool

Wear-Resistant

Mold

Oilfield

Others

#### Major players covered

Axismateria

Sandvik

Hyperion Materials & Technologies

Federal Carbide

CERATIZIT

G?hring

Walter

Betek

DURIT

Mitsubishi Materials

Sumitomo Electric Hardmetal

Kyocera

Tungaloy

ISCAR

TaeguTec

KORLOY

Zhuzhou Cemented Carbide Group

Xiamen Golden Egret Special Alloy

Minmetals Tungsten

Chongyi Zhangyuan Tungsten

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 Tungsten Carbide Hard Alloy product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tungsten Carbide Hard Alloy, with price, sales quantity, revenue, and global market share of Tungsten Carbide Hard Alloy from 2021 to 2026.

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

Chapter 4, the Tungsten Carbide Hard Alloy breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Tungsten Carbide Hard Alloy market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Tungsten Carbide Hard Alloy.

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