+357 96 030922
info@marketpublishers.com

Global Carbide Cutting Blades Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G92B953B652BEN.html
Date: June 2026
Pages: 155
Price: US$ 4,480.00 (Single User License)
ID: G92B953B652BEN

Abstracts

The global Carbide Cutting Blades market size is expected to reach $ 1007 million by 2032, rising at a market growth of 6.7% CAGR during the forecast period (2026-2032).

In 2025, global sales of Carbide Cutting Blades reached 172 million units, with an average selling price of $3.60 per unit. Total production capacity stood at approximately 210 million units, and the gross profit margin hovered around 32%. Carbide Cutting Blades are high-hardness, high-wear-resistance, and high-temperature-resistant cutting tools manufactured primarily from tungsten-cobalt (WC-Co) through processes involving powder metallurgy, high-temperature sintering, and precision grinding. Widely utilized across sectors such as metalworking, mechanical manufacturing, automotive component processing, and aerospace, these inserts are capable of machining a diverse range of materials, including steel, stainless steel, cast iron, and non-ferrous metals.

The upstream supply chain consists primarily of raw materials such as cemented carbide powder, cobalt, and other alloying elements, as well as auxiliary binders and ceramic coatings; the downstream market is primarily directed toward CNC machine tool manufacturers, cutting tool distributors, and large-scale manufacturing enterprises.

Looking ahead, driven by the rapid advancement of high-end equipment manufacturing, aerospace, and precision manufacturing industries, demand for cutting inserts characterized by superior wear resistance, high thermal stability, and advanced coatings is on a steady rise. Market opportunities are expected to be concentrated in areas such as the optimization of ultra-hard alloy formulations, innovation in coating technologies, the production of high-precision inserts across a wide range of specifications, and the development of intelligent cutting solutions. By prioritizing

+357 96 030922
info@marketpublishers.com

material upgrades and process improvements, enterprises can achieve competitive differentiation and secure long-term growth within this dynamic market landscape.

The market forCarbide Cutting Blades is exhibiting a trend of steady growth, driven primarily by the continuous expansion of high-end manufacturing, automotive component processing, aerospace, and precision machining sectors. With the widespread adoption of CNC machine tools and automated processing equipment, demand for inserts characterized by high wear resistance, high hardness, and superior thermal stability is on the rise; concurrently, requirements regarding coating technologies and insert geometric designs are becoming increasingly stringent, aiming to enhance processing efficiency and extend tool life.

The competitive landscape of the market is characterized by a 'concentration in the mid-to-high-end segments and fragmentation in the low-end segments.' Domestic enterprises hold a competitive advantage in low-to-mid-range application fields, while international manufacturers maintain technological leadership in high-end precision machining and aerospace sectors.

Looking ahead, driven by growing demand for intelligent manufacturing, eco-friendly processing, and the machining of high-hardness materials, market opportunities for cemented carbide inserts will primarily center on the R&D of high-performance alloy materials, coating optimization, customized tooling solutions, and digital tool management systems. Furthermore, facilitated by enhanced upstream-downstream collaboration and supply chain optimization, insert manufacturers will possess ample scope to achieve competitive differentiation through technological innovation and value-added services.

This report studies the global Carbide Cutting Blades production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbide Cutting Blades 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 Carbide Cutting Blades that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Carbide Cutting Blades total production and demand, 2021-2032, (K Pcs)

+357 96 030922
info@marketpublishers.com

Global Carbide Cutting Blades total production value, 2021-2032, (USD Million)
Global Carbide Cutting Blades production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs), (based on production site)
Global Carbide Cutting Blades consumption by region & country, CAGR, 2021-2032 & (K Pcs)
U.S. VS China: Carbide Cutting Blades domestic production, consumption, key domestic manufacturers and share
Global Carbide Cutting Blades production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Pcs)
Global Carbide Cutting Blades production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)
Global Carbide Cutting Blades production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

This report profiles key players in the global Carbide Cutting Blades 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 SUMITOMO ELECTRIC, BAUCOR, Lennartz, Sandvik, Kennametal, Kedel Tools, Mitsubishi Materials, Kyocera, Carolina Knife & Manufacturing, ONMY Tools, 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 Carbide Cutting Blades market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Pcs) and average price (US$/Pc) 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 Carbide Cutting Blades Market, By Region:

United States

+357 96 030922
info@marketpublishers.com

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Carbide Cutting Blades Market, Segmentation by Type:

Tungsten-cobalt Type

Titanium-tungsten-cobalt Type

Tantalum-tungsten-cobalt Type

Others

Global Carbide Cutting Blades Market, Segmentation by Uses:

Turning Blades

Milling Blades

Drilling Blades

Global Carbide Cutting Blades Market, Segmentation by Diameter:

Diameter: 300 mm

+357 96 030922
info@marketpublishers.com

Diameter: 350 mm

Global Carbide Cutting Blades Market, Segmentation by Application:

Automobile Manufacturing

Aerospace

Medical Equipment

Electronics Industry

Others

Companies Profiled:

SUMITOMO ELECTRIC

BAUCOR

Lennartz

Sandvik

Kennametal

Kedel Tools

Mitsubishi Materials

Kyocera

Carolina Knife & Manufacturing

ONMY Tools

Zhuzhou Better Tungsten Carbide

+357 96 030922
info@marketpublishers.com

Smit Engineering

Walter

Cowles Tool

Hyperion Materials & Technologies

CHANGYING

X-Keen Blades

Diamond Tec

Meetyou Carbide

Key Questions Answered:
1. How big is the global Carbide Cutting Blades market?
2. What is the demand of the global Carbide Cutting Blades market?
3. What is the year over year growth of the global Carbide Cutting Blades market?
4. What is the production and production value of the global Carbide Cutting Blades market?
5. Who are the key producers in the global Carbide Cutting Blades market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

5 MARKET ANALYSIS BY TYPE

6 MARKET ANALYSIS BY USES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

10 INDUSTRY CHAIN ANALYSIS

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Carbide Cutting Blades Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/G92B953B652BEN.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/G92B953B652BEN.html