

Global Polycrystalline Diamond Cutting Tool Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Polycrystalline Diamond Cutting Tool market size is expected to reach \$ 1603.9 million by 2029, rising at a market growth of 7.1% CAGR during the forecast period (2023-2029).

Global key players of polycrystalline diamond cutting tool include Sandvik Group, Sumitomo Electric, Kennametal, Ceratizit, Mitsubishi Materials, etc. Global top five manufacturers hold a share about 46%. China is the largest producer, holds a share around 36%, followed by Europe, with share 26%. The largest market is Asia-Pacific, holds a share about 51%, followed by Europe and North America, with around 24% and 16% market share respectively.

Polycrystalline Diamond Cutting Tool is short for PCD cutting tool. Polycrystalline Diamond (PCD) is a synthetic diamond product that is produced by sintering together selected diamond particles with a metal matrix, using sophisticated technology. The diamond and matrix, when sintered together under high temperatures and pressures, creates a PCD tool blank that is high in uniform hardness and is abrasive resistant in all directions. This PCD diamond layer is then bonded to a tungsten carbide substrate, which provides strength and a brazable base to permit bonding to other metals.

This report studies the global Polycrystalline Diamond Cutting Tool production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Polycrystalline Diamond Cutting Tool, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Polycrystalline

Diamond Cutting Tool that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Polycrystalline Diamond Cutting Tool total production and demand, 2018-2029, (K Units)

Global Polycrystalline Diamond Cutting Tool total production value, 2018-2029, (USD Million)

Global Polycrystalline Diamond Cutting Tool production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Polycrystalline Diamond Cutting Tool consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Polycrystalline Diamond Cutting Tool domestic production, consumption, key domestic manufacturers and share

Global Polycrystalline Diamond Cutting Tool production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Polycrystalline Diamond Cutting Tool production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Polycrystalline Diamond Cutting Tool production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Polycrystalline Diamond Cutting Tool 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 Kennametal, Sandvik Group, Mapal, Wirutex, Ceratizit, Sumitomo Electric, Kyocera, Mitsubishi Materials and Union Tool, 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 Polycrystalline Diamond Cutting Tool market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Polycrystalline Diamond Cutting Tool Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Polycrystalline Diamond Cutting Tool Market, Segmentation by Type

PCD Milling Tools

PCD Turning Tools

PCD Holemaking Tools

PCD Inserts

Others

Global Polycrystalline Diamond Cutting Tool Market, Segmentation by Application

Automotive Industry

Machinery Industry

Aerospace Industry

Electronics and Semiconductor

Others

Companies Profiled:

Kennametal

Sandvik Group

Mapal

Wirutex

Ceratizit

Sumitomo Electric

Kyocera

Mitsubishi Materials

Union Tool

Asahi Diamond Industrial

Shinhan Diamond

EHWA

Halcyon Technology

TOP TECH Diamond Tools

Telcon Diamond

Beijing Worldia Diamond Tools

Shanghai Nagoya Precision Tools

Zhengzhou Diamond Precision Manufacturing

Shenzhen Junt

Weihai Weiyong

Key Questions Answered

1. How big is the global Polycrystalline Diamond Cutting Tool market?
2. What is the demand of the global Polycrystalline Diamond Cutting Tool market?
3. What is the year over year growth of the global Polycrystalline Diamond Cutting Tool market?
4. What is the production and production value of the global Polycrystalline Diamond Cutting Tool market?
5. Who are the key producers in the global Polycrystalline Diamond Cutting Tool market?

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