

# Diamond Tools Market Poised for 7.5% CAGR Growth, Valued at \$31.8 Billion by 2034 | Fact.MR Report

*The integration of artificial intelligence in manufacturing processes is influencing the diamond tools market*

ROCKVILLE, MD, UNITED STATES, January 8, 2025 /EINPresswire.com/ -- The [diamond tools market](#) is expected to grow at a 7.5% CAGR between 2024 and 2034, according to Fact.MR. By 2034, the global market for these products is expected to reach US\$ 31,783.6 million. According to Fact MR, a provider of market research and competitive intelligence, the global diamond tools market is rapidly growing and is expected to continue its growth trajectory in the coming years.



Ongoing advancements in diamond coating technologies are leading to the development of more durable and high-performance diamond-coated tools, contributing to increased adoption across various industries. The growth of synthetic or lab-grown diamonds is impacting the diamond tools market. The availability of high-quality synthetic diamonds for tools manufacturing is influencing production costs and market dynamics. Diamond tools are increasingly being used in the post-processing of 3D-printed parts, providing precision cutting and finishing in additive manufacturing processes.

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Diamond tools are utilized in the healthcare industry for cutting and shaping hard materials such as bone and dental materials. The growing demand for medical implants and devices is contributing to the use of diamond tools in this sector. The market is witnessing a trend toward providing customized and application-specific diamond tools to meet the unique requirements of different industries and processes. The increasing prevalence of e-commerce in industrial product distribution is providing manufacturers with new opportunities to reach a broader

customer base and streamline the supply chain.

Integration of smart technologies, such as sensors and connectivity, into diamond tools for real-time monitoring and performance optimization, is a trend that can enhance efficiency and reduce downtime. Diamond tools are vital for precision cutting and processing in the electronics and IT industries. The proliferation of electronic devices and the demand for miniaturization are driving the use of diamond tools in these sectors.

### Key Takeaways from the Market Study

In 2024, the global diamond tools market is estimated to have a global market size of US\$ 15,421.2

The metal bonded is expected to dominate the market, with a market share of 43.5% in 2034.

The abrasives category is expected to hold a market share of 26.2% in 2024.

China is predicted to acquire a 55.6% of the global market share in 2024.

East Asia is expected to account for a CAGR of 7.4% by 2034.

“Research and development in nano-diamond tools are gaining attention. The tools, featuring nanoscale diamond particles, offer enhanced performance in terms of hardness and precision, opening up new applications in various industries,” says a Fact.MR analyst.

### Leading Players Driving Innovation in the Diamond Tools Market:

Hilti Group; Sumitomo Electric Industries, Ltd.; Husqvarna AB; Saint-Gobain Abrasives Inc.; Shinhan Diamond Industrial Co. Ltd; Toolsgal Degania Industrial Diamonds Ltd.; Sanwa Diamond Tools; Monte-Bianco Diamond Applications Co. Ltd.; Shijiazhuang Kitsibo Tools Co., Ltd.; Syntec Diamond Tools, Inc.; TYROLIT Schleifmittelwerke Swarovski KG

### Competitive Landscape

The competitive landscape of the diamond tools market is influenced by factors such as pricing strategies, distribution channels, customer service standards, and adherence to regulatory requirements.

To establish a competitive advantage, businesses must adapt to evolving market dynamics and stay updated on technological advancements. Long term success in this dynamic industry hinges on the ability to navigate these factors effectively.

### Recent Development

In 2022, John Crane unveiled the John Crane Diamond 8190, presenting a novel material application utilizing a tungsten carbide substrate. The recent introduction serves to tackle sealing challenges encountered in applications characterized by high speed and elevated heat

generation. The John Crane Diamond 8190 finds predominant use in industries such as oil and gas, as well as the chemical sector.

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More Valuable Insights on Offer

Fact.MR, in its new offering, presents an unbiased analysis of the global diamond tools market, presenting historical analysis from 2019 to 2023 and forecast statistics for the period of 2024 to 2034.

The study reveals essential insights based on diamond tools market analysis by tool type (abrasives type, drilling tools, cutting tools, sawing tools, milling tools, diamond gauging fingers, files), by manufacturing method (metal bonded diamond tools, resin bonded diamond tools, electroplated diamond tools), and by region (North America, Latin America, Europe, East Asia, South Asia and Oceania, and Middle East & Africa).

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The global [standard parts for tool making market](#) is estimated at USD 3.7 Billion in 2022 and is forecast to surpass USD 6.3 Billion by 2032, growing at a CAGR of 5.0% from 2022 to 2032.

[Robotic end of arm tool market](#) size is expected to be valued at US\$ 1.95 billion in 2024 and is projected to reach US\$ 5.1 billion by the end of 2034. Worldwide demand for robotic end-of-arm tools is forecasted to rise at a CAGR of 10.1% from 2024 to 2034.

About Us:

Fact.MR is a distinguished market research company renowned for its comprehensive market reports and invaluable business insights. As a prominent player in business intelligence, we deliver deep analysis, uncovering market trends, growth paths, and competitive landscapes. Renowned for its commitment to accuracy and reliability, we empower businesses with crucial data and strategic recommendations, facilitating informed decision-making and enhancing market positioning. With its unwavering dedication to providing reliable market intelligence, FACT.MR continues to assist companies in navigating dynamic market challenges with confidence and achieving long-term success. With a global presence and a team of experienced analysts, FACT.MR ensures its clients receive actionable insights to capitalize on emerging opportunities and stay ahead in the competitive landscape.

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