

Global Indexable Inserts Market Size study & Forecast, by Product Type(Milling Inserts, Turning Inserts, Drilling Inserts, And Others), by Application (Metalworking, Woodworking, Plastic Machining, And Others) and Regional Analysis, 2023-2030

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Abstracts

Global Indexable Inserts Market is valued at approximately USD 7.3 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 4.6% over the forecast period 2023-2030. Indexable inserts are cutting tool inserts that can be rotated or flipped to expose a fresh cutting edge when the original edge becomes dull. They are commonly used in milling, drilling, and turning operations on metal, wood, and other materials. Indexable inserts are typically made of carbide, ceramic, or other hard materials that can withstand the high temperatures and pressures generated during cutting operations. They are designed to be held in place by a tool holder or a cartridge that provides a secure and stable mounting for the insert. Indexable inserts are cost-effective because they can be rotated or flipped to expose a fresh cutting edge, reducing the need for frequent tool changes and increasing productivity. This cost-effectiveness makes them an attractive option for machining operations that require high levels of precision and efficiency. Moreover, Indexable inserts are designed to deliver high levels of performance, with advanced coatings, geometries, and materials that help to improve efficiency and accuracy in cutting operations. This high level of performance is a key driving factor in the adoption and use of indexable inserts in the machining industry. Furthermore, fluctuating raw material prices is expected to hinder the market growth.

The milling industry is constantly evolving, with new technologies and tools being introduced to improve efficiency, quality, and productivity. One such tool that has revolutionized milling operations is the indexable insert. Indexable inserts are

replaceable cutting tools that are held in place by a tool holder. They are typically made of carbide or other hard materials and are designed to be versatile, efficient, and cost-effective. The cutting edges of indexable inserts are usually shaped like triangles or squares, and they can be rotated or replaced when they become dull or worn. For instance, Statistics Canada collects data on the milling industry as part of the manufacturing sector, according to the latest data from 2019, there were 228 establishments in the milling industry in Canada, with a total operating revenue of \$3.3 billion. The industry employed 4,200 people. Similarly, the Australian Bureau of Statistics collects data on the flour milling industry as part of the manufacturing sector. According to the latest data from 2019-2020, there were 39 establishments in the flour milling industry in Australia, with a total income of AUD 2.2 billion. The industry employed 2,128 people. Thus, growing milling industry across the globe may create lucrative growth opportunities for market expansion.

The key regions considered for the Global Indexable Inserts Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is a significant market for indexable inserts due to the presence of several leading players in the region. The region is also home to several major end-use industries, including automotive, aerospace, and construction, which are major consumers of indexable inserts. The increasing demand for precision machining, and the growing trend towards automation are expected to drive the growth of the indexable inserts market in North America. Furthermore, Asia Pacific is the largest and fastest-growing market for indexable inserts due to the presence of several emerging economies and the rapid industrialization in the region. The region is home to several major end-use industries, including automotive, aerospace, and construction, which are major consumers of indexable inserts. The increasing demand for high-quality machining tools and the growing trend towards automation are expected to drive the growth of the indexable inserts market in Asia Pacific.

Major market players included in this report are:

Sandvik AB

Kennametal Inc.

Iscar Ltd.

Mitsubishi Materials Corporation

Tungaloy Corporation

Kyocera Corporation

Walter AG

Seco Tools AB

Sumitomo Electric Industries Ltd.

CERATIZIT S.A.

Recent Developments in the Market:

Sandvik Coromant launched a new range of indexable milling cutters called 'CoroMill 390' in 2021. The cutters are designed for high metal removal rates and improved performance in difficult-to-machine materials.

Kennametal launched a new range of indexable milling cutters called 'Harvi Ultra 8X' in 2020. The cutters are designed for high-performance milling applications and offer improved tool life and reduced cycle times.

Tungaloy launched a new line of indexable inserts called 'DoForce-Tri' in 2019. The inserts are designed for high-feed milling applications and offer improved chip control and longer tool life.

Global Indexable Inserts Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Product, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Milling Inserts

Turning Inserts

Drilling Inserts

Others

By Application:

Metalworking

Woodworking

Plastic Machining

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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