

# Global Nickel Alloys Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Nickel Alloys market size was valued at USD 5584.6 million in 2023 and is forecast to a readjusted size of USD 6987.7 million by 2030 with a CAGR of 3.3% during review period.

Nickel based alloys have nickel as the balancing metal. They can be alloyed with iron, chromium and molybdenum and are used in the high end of the corrosion scale, e.g. in the most aggressive parts in flue gas desulfurization units and other demanding applications. Nickel based alloys present high corrosion resistance properties in severe conditions. These grades are mainly used for Oil & Gas, Chemical and Power industries.

Market competition is intense. SMC, ThyssenKrupp VDM, Carpenter, Imphy Alloys, Allegheny, Hitachi Metals, Nippon Yakin, Bao Steel and Sumitomo are the leaders of the industry, with about 60% market shares.

Nickel Base Alloy is widely used in Aerospace, Power Generation, Oil & Gas, Chemicals and Electronics and other field. Aerospace segment occupied Nickel Base Alloy market, with 23% market share globally.

Europe region is the largest supplier of Nickel Base Alloy, with a production market share nearly 35%. North America is the second largest supplier of Nickel Base Alloy, enjoying production market share nearly 31%.

The Global Info Research report includes an overview of the development of the Nickel Alloys industry chain, the market status of Aerospace & Defense (Corrosion Resistant, Heat Resistant), Oil & Gas (Corrosion Resistant, Heat Resistant), and key enterprises in



developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Nickel Alloys.

Regionally, the report analyzes the Nickel Alloys markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Nickel Alloys market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Nickel Alloys market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Nickel Alloys industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Kiloton), revenue generated, and market share of different by Type (e.g., Corrosion Resistant, Heat Resistant).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Nickel Alloys market.

Regional Analysis: The report involves examining the Nickel Alloys market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Nickel Alloys market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Nickel Alloys:

Company Analysis: Report covers individual Nickel Alloys manufacturers, suppliers, and



other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Nickel Alloys This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Aerospace & Defense, Oil & Gas).

Technology Analysis: Report covers specific technologies relevant to Nickel Alloys. It assesses the current state, advancements, and potential future developments in Nickel Alloys areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Nickel Alloys market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Nickel Alloys market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Corrosion Resistant

Heat Resistant

High Performance

Market segment by Application

Aerospace & Defense



Oil & Gas

Chemical
Electrical & Electronics
Energy & Power
Automotive
Others
Major players covered
VDM Metals
Aperam
Sandvik Materials Technology
Allegheny Technologies
Carpenter Technology
ThyssenKrupp
Haynes International
Precision Castparts Corporation
Voestalpine
Rolled Alloys
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 Nickel Alloys product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nickel Alloys, with price, sales, revenue and global market share of Nickel Alloys from 2019 to 2024.

Chapter 3, the Nickel Alloys competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nickel Alloys breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Nickel Alloys market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Nickel Alloys.



Chapter 14 and 15, to describe Nickel Alloys sales channel, distributors, customers, research findings and conclusion.



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