

# Global Binary Ti-Al Alloys Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G2963A8D0659EN.html>

Date: October 2023

Pages: 108

Price: US\$ 3,480.00 (Single User License)

ID: G2963A8D0659EN

## Abstracts

According to our (Global Info Research) latest study, the global Binary Ti-Al Alloys market size was valued at USD 3334.8 million in 2022 and is forecast to a readjusted size of USD 6699.4 million by 2029 with a CAGR of 10.5% during review period.

Binary Ti-Al Alloys are a class of titanium aluminide alloys composed primarily of titanium (Ti) and aluminum (Al), with little to no addition of other alloying elements.

Binary Ti-Al Alloys have excellent strength and low density, making them attractive for lightweight designs. Research and development efforts are currently focused on improving the strength and durability of Binary Ti-Al Alloys to meet the ever-increasing requirements for high performance and lightweighting. Binary Binary Ti-Al Alloys remain stable at high temperatures and are therefore used in aero-engine and aerospace applications for high temperature components such as turbine blades and gas turbine parts. Future developments may include improving the high temperature properties of the alloy to cope with more demanding environments. Binary titanium-aluminium alloys have good corrosion resistance, but some applications require higher corrosion resistance. Researchers are looking for ways to improve the alloy's corrosion resistance to expand its applications. Overall, binary titanium-aluminium alloys are promising for a wide range of applications in a number of fields, and as a result research and development in materials science and manufacturing technology continues. These trends reflect the need for higher performance, sustainability and versatility to meet evolving market demands.

The Global Info Research report includes an overview of the development of the Binary Ti-Al Alloys industry chain, the market status of Automotive (?2-Ti3Al, ?-TiAl),

Aerospace (Ti-3Al, TiAl), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Binary Ti-Al Alloys.

Regionally, the report analyzes the Binary Ti-Al 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 Binary Ti-Al Alloys market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Binary Ti-Al 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 Binary Ti-Al 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 (Tons), revenue generated, and market share of different by Type (e.g., Ti-3Al, TiAl).

**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 Binary Ti-Al Alloys market.

**Regional Analysis:** The report involves examining the Binary Ti-Al 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 Binary Ti-Al 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 Binary Ti-Al Alloys:

**Company Analysis:** Report covers individual Binary Ti-Al 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 Binary Ti-Al Alloys. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Aerospace).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Binary Ti-Al 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

Binary Ti-Al Alloys market is split by Type and by Application. For the period 2018-2029, 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

?2-Ti3Al

?-TiAl

?-TiAl

### Market segment by Application

Automotive

Aerospace

Power & Energy

Medical

Defence

Sports

Others

#### Major players covered

ATI

VSMPO-AVISMA

Precision Castparts Corp

Western Superconducting

Howmet Aerospace (Alcoa)

carpentertechnology

DaidoSteel

AMG

KBMAffilips

Timet

Special Metals Corporation

Norsk Titanium

Aperam Alloys Imphy

Kobe Steel, Ltd. (Kobelco)

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 Binary Ti-Al Alloys product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Binary Ti-Al Alloys, with price, sales, revenue and global market share of Binary Ti-Al Alloys from 2018 to 2023.

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

Chapter 4, the Binary Ti-Al Alloys breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Binary Ti-Al Alloys market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 Binary Ti-Al Alloys.

Chapter 14 and 15, to describe Binary Ti-Al Alloys sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Binary Ti-Al Alloys

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Binary Ti-Al Alloys Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2  $\text{Ti}_2\text{-Ti}_3\text{Al}$

1.3.3  $\text{Ti-Al}$

1.3.4  $\text{Ti-Al}$

1.4 Market Analysis by Application

1.4.1 Overview: Global Binary Ti-Al Alloys Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Automotive

1.4.3 Aerospace

1.4.4 Power & Energy

1.4.5 Medical

1.4.6 Defence

1.4.7 Sports

1.4.8 Others

1.5 Global Binary Ti-Al Alloys Market Size & Forecast

1.5.1 Global Binary Ti-Al Alloys Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Binary Ti-Al Alloys Sales Quantity (2018-2029)

1.5.3 Global Binary Ti-Al Alloys Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

2.1 ATI

2.1.1 ATI Details

2.1.2 ATI Major Business

2.1.3 ATI Binary Ti-Al Alloys Product and Services

2.1.4 ATI Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 ATI Recent Developments/Updates

2.2 VSMPO-AVISMA

2.2.1 VSMPO-AVISMA Details

2.2.2 VSMPO-AVISMA Major Business

- 2.2.3 VSMPO-AVISMA Binary Ti-Al Alloys Product and Services
- 2.2.4 VSMPO-AVISMA Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 VSMPO-AVISMA Recent Developments/Updates
- 2.3 Precision Castparts Corp
  - 2.3.1 Precision Castparts Corp Details
  - 2.3.2 Precision Castparts Corp Major Business
  - 2.3.3 Precision Castparts Corp Binary Ti-Al Alloys Product and Services
  - 2.3.4 Precision Castparts Corp Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Precision Castparts Corp Recent Developments/Updates
- 2.4 Western Superconducting
  - 2.4.1 Western Superconducting Details
  - 2.4.2 Western Superconducting Major Business
  - 2.4.3 Western Superconducting Binary Ti-Al Alloys Product and Services
  - 2.4.4 Western Superconducting Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Western Superconducting Recent Developments/Updates
- 2.5 Howmet Aerospace (Alcoa)
  - 2.5.1 Howmet Aerospace (Alcoa) Details
  - 2.5.2 Howmet Aerospace (Alcoa) Major Business
  - 2.5.3 Howmet Aerospace (Alcoa) Binary Ti-Al Alloys Product and Services
  - 2.5.4 Howmet Aerospace (Alcoa) Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Howmet Aerospace (Alcoa) Recent Developments/Updates
- 2.6 carpentertechnology
  - 2.6.1 carpentertechnology Details
  - 2.6.2 carpentertechnology Major Business
  - 2.6.3 carpentertechnology Binary Ti-Al Alloys Product and Services
  - 2.6.4 carpentertechnology Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 carpentertechnology Recent Developments/Updates
- 2.7 DaidoSteel
  - 2.7.1 DaidoSteel Details
  - 2.7.2 DaidoSteel Major Business
  - 2.7.3 DaidoSteel Binary Ti-Al Alloys Product and Services
  - 2.7.4 DaidoSteel Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 DaidoSteel Recent Developments/Updates



## 2.8 AMG

### 2.8.1 AMG Details

### 2.8.2 AMG Major Business

### 2.8.3 AMG Binary Ti-Al Alloys Product and Services

### 2.8.4 AMG Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.8.5 AMG Recent Developments/Updates

## 2.9 KBMAffilips

### 2.9.1 KBMAffilips Details

### 2.9.2 KBMAffilips Major Business

### 2.9.3 KBMAffilips Binary Ti-Al Alloys Product and Services

### 2.9.4 KBMAffilips Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.9.5 KBMAffilips Recent Developments/Updates

## 2.10 Timet

### 2.10.1 Timet Details

### 2.10.2 Timet Major Business

### 2.10.3 Timet Binary Ti-Al Alloys Product and Services

### 2.10.4 Timet Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.10.5 Timet Recent Developments/Updates

## 2.11 Special Metals Corporation

### 2.11.1 Special Metals Corporation Details

### 2.11.2 Special Metals Corporation Major Business

### 2.11.3 Special Metals Corporation Binary Ti-Al Alloys Product and Services

### 2.11.4 Special Metals Corporation Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.11.5 Special Metals Corporation Recent Developments/Updates

## 2.12 Norsk Titanium

### 2.12.1 Norsk Titanium Details

### 2.12.2 Norsk Titanium Major Business

### 2.12.3 Norsk Titanium Binary Ti-Al Alloys Product and Services

### 2.12.4 Norsk Titanium Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.12.5 Norsk Titanium Recent Developments/Updates

## 2.13 Aperam Alloys Imphy

### 2.13.1 Aperam Alloys Imphy Details

### 2.13.2 Aperam Alloys Imphy Major Business

### 2.13.3 Aperam Alloys Imphy Binary Ti-Al Alloys Product and Services

2.13.4 Aperam Alloys Imphy Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Aperam Alloys Imphy Recent Developments/Updates

2.14 Kobe Steel, Ltd. (Kobelco)

2.14.1 Kobe Steel, Ltd. (Kobelco) Details

2.14.2 Kobe Steel, Ltd. (Kobelco) Major Business

2.14.3 Kobe Steel, Ltd. (Kobelco) Binary Ti-Al Alloys Product and Services

2.14.4 Kobe Steel, Ltd. (Kobelco) Binary Ti-Al Alloys Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Kobe Steel, Ltd. (Kobelco) Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: BINARY TI-AL ALLOYS BY MANUFACTURER**

3.1 Global Binary Ti-Al Alloys Sales Quantity by Manufacturer (2018-2023)

3.2 Global Binary Ti-Al Alloys Revenue by Manufacturer (2018-2023)

3.3 Global Binary Ti-Al Alloys Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Binary Ti-Al Alloys by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Binary Ti-Al Alloys Manufacturer Market Share in 2022

3.4.2 Top 6 Binary Ti-Al Alloys Manufacturer Market Share in 2022

3.5 Binary Ti-Al Alloys Market: Overall Company Footprint Analysis

3.5.1 Binary Ti-Al Alloys Market: Region Footprint

3.5.2 Binary Ti-Al Alloys Market: Company Product Type Footprint

3.5.3 Binary Ti-Al Alloys Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Binary Ti-Al Alloys Market Size by Region

4.1.1 Global Binary Ti-Al Alloys Sales Quantity by Region (2018-2029)

4.1.2 Global Binary Ti-Al Alloys Consumption Value by Region (2018-2029)

4.1.3 Global Binary Ti-Al Alloys Average Price by Region (2018-2029)

4.2 North America Binary Ti-Al Alloys Consumption Value (2018-2029)

4.3 Europe Binary Ti-Al Alloys Consumption Value (2018-2029)

4.4 Asia-Pacific Binary Ti-Al Alloys Consumption Value (2018-2029)

4.5 South America Binary Ti-Al Alloys Consumption Value (2018-2029)

4.6 Middle East and Africa Binary Ti-Al Alloys Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Binary Ti-Al Alloys Sales Quantity by Type (2018-2029)
- 5.2 Global Binary Ti-Al Alloys Consumption Value by Type (2018-2029)
- 5.3 Global Binary Ti-Al Alloys Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Binary Ti-Al Alloys Sales Quantity by Application (2018-2029)
- 6.2 Global Binary Ti-Al Alloys Consumption Value by Application (2018-2029)
- 6.3 Global Binary Ti-Al Alloys Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Binary Ti-Al Alloys Sales Quantity by Type (2018-2029)
- 7.2 North America Binary Ti-Al Alloys Sales Quantity by Application (2018-2029)
- 7.3 North America Binary Ti-Al Alloys Market Size by Country
  - 7.3.1 North America Binary Ti-Al Alloys Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Binary Ti-Al Alloys Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe Binary Ti-Al Alloys Sales Quantity by Type (2018-2029)
- 8.2 Europe Binary Ti-Al Alloys Sales Quantity by Application (2018-2029)
- 8.3 Europe Binary Ti-Al Alloys Market Size by Country
  - 8.3.1 Europe Binary Ti-Al Alloys Sales Quantity by Country (2018-2029)
  - 8.3.2 Europe Binary Ti-Al Alloys Consumption Value by Country (2018-2029)
  - 8.3.3 Germany Market Size and Forecast (2018-2029)
  - 8.3.4 France Market Size and Forecast (2018-2029)
  - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
  - 8.3.6 Russia Market Size and Forecast (2018-2029)
  - 8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Binary Ti-Al Alloys Market Size by Region
  - 9.3.1 Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Region (2018-2029)
  - 9.3.2 Asia-Pacific Binary Ti-Al Alloys Consumption Value by Region (2018-2029)
  - 9.3.3 China Market Size and Forecast (2018-2029)
  - 9.3.4 Japan Market Size and Forecast (2018-2029)
  - 9.3.5 Korea Market Size and Forecast (2018-2029)
  - 9.3.6 India Market Size and Forecast (2018-2029)
  - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
  - 9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

- 10.1 South America Binary Ti-Al Alloys Sales Quantity by Type (2018-2029)
- 10.2 South America Binary Ti-Al Alloys Sales Quantity by Application (2018-2029)
- 10.3 South America Binary Ti-Al Alloys Market Size by Country
  - 10.3.1 South America Binary Ti-Al Alloys Sales Quantity by Country (2018-2029)
  - 10.3.2 South America Binary Ti-Al Alloys Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Binary Ti-Al Alloys Market Size by Country
  - 11.3.1 Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Country (2018-2029)
  - 11.3.2 Middle East & Africa Binary Ti-Al Alloys Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
  - 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Binary Ti-Al Alloys Market Drivers
- 12.2 Binary Ti-Al Alloys Market Restraints

12.3 Binary Ti-Al Alloys Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Binary Ti-Al Alloys and Key Manufacturers

13.2 Manufacturing Costs Percentage of Binary Ti-Al Alloys

13.3 Binary Ti-Al Alloys Production Process

13.4 Binary Ti-Al Alloys Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Binary Ti-Al Alloys Typical Distributors

14.3 Binary Ti-Al Alloys Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Binary Ti-Al Alloys Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Binary Ti-Al Alloys Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. ATI Basic Information, Manufacturing Base and Competitors

Table 4. ATI Major Business

Table 5. ATI Binary Ti-Al Alloys Product and Services

Table 6. ATI Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. ATI Recent Developments/Updates

Table 8. VSMPO-AVISMA Basic Information, Manufacturing Base and Competitors

Table 9. VSMPO-AVISMA Major Business

Table 10. VSMPO-AVISMA Binary Ti-Al Alloys Product and Services

Table 11. VSMPO-AVISMA Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. VSMPO-AVISMA Recent Developments/Updates

Table 13. Precision Castparts Corp Basic Information, Manufacturing Base and Competitors

Table 14. Precision Castparts Corp Major Business

Table 15. Precision Castparts Corp Binary Ti-Al Alloys Product and Services

Table 16. Precision Castparts Corp Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Precision Castparts Corp Recent Developments/Updates

Table 18. Western Superconducting Basic Information, Manufacturing Base and Competitors

Table 19. Western Superconducting Major Business

Table 20. Western Superconducting Binary Ti-Al Alloys Product and Services

Table 21. Western Superconducting Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Western Superconducting Recent Developments/Updates

Table 23. Howmet Aerospace (Alcoa) Basic Information, Manufacturing Base and Competitors

Table 24. Howmet Aerospace (Alcoa) Major Business

Table 25. Howmet Aerospace (Alcoa) Binary Ti-Al Alloys Product and Services

Table 26. Howmet Aerospace (Alcoa) Binary Ti-Al Alloys Sales Quantity (Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Howmet Aerospace (Alcoa) Recent Developments/Updates

Table 28. carpentertechnology Basic Information, Manufacturing Base and Competitors

Table 29. carpentertechnology Major Business

Table 30. carpentertechnology Binary Ti-Al Alloys Product and Services

Table 31. carpentertechnology Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. carpentertechnology Recent Developments/Updates

Table 33. DaidoSteel Basic Information, Manufacturing Base and Competitors

Table 34. DaidoSteel Major Business

Table 35. DaidoSteel Binary Ti-Al Alloys Product and Services

Table 36. DaidoSteel Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. DaidoSteel Recent Developments/Updates

Table 38. AMG Basic Information, Manufacturing Base and Competitors

Table 39. AMG Major Business

Table 40. AMG Binary Ti-Al Alloys Product and Services

Table 41. AMG Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. AMG Recent Developments/Updates

Table 43. KBMAffilips Basic Information, Manufacturing Base and Competitors

Table 44. KBMAffilips Major Business

Table 45. KBMAffilips Binary Ti-Al Alloys Product and Services

Table 46. KBMAffilips Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. KBMAffilips Recent Developments/Updates

Table 48. Timet Basic Information, Manufacturing Base and Competitors

Table 49. Timet Major Business

Table 50. Timet Binary Ti-Al Alloys Product and Services

Table 51. Timet Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Timet Recent Developments/Updates

Table 53. Special Metals Corporation Basic Information, Manufacturing Base and Competitors

Table 54. Special Metals Corporation Major Business

Table 55. Special Metals Corporation Binary Ti-Al Alloys Product and Services

Table 56. Special Metals Corporation Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share

(2018-2023)

Table 57. Special Metals Corporation Recent Developments/Updates

Table 58. Norsk Titanium Basic Information, Manufacturing Base and Competitors

Table 59. Norsk Titanium Major Business

Table 60. Norsk Titanium Binary Ti-Al Alloys Product and Services

Table 61. Norsk Titanium Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Norsk Titanium Recent Developments/Updates

Table 63. Aperam Alloys Imphy Basic Information, Manufacturing Base and Competitors

Table 64. Aperam Alloys Imphy Major Business

Table 65. Aperam Alloys Imphy Binary Ti-Al Alloys Product and Services

Table 66. Aperam Alloys Imphy Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Aperam Alloys Imphy Recent Developments/Updates

Table 68. Kobe Steel, Ltd. (Kobelco) Basic Information, Manufacturing Base and Competitors

Table 69. Kobe Steel, Ltd. (Kobelco) Major Business

Table 70. Kobe Steel, Ltd. (Kobelco) Binary Ti-Al Alloys Product and Services

Table 71. Kobe Steel, Ltd. (Kobelco) Binary Ti-Al Alloys Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Kobe Steel, Ltd. (Kobelco) Recent Developments/Updates

Table 73. Global Binary Ti-Al Alloys Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 74. Global Binary Ti-Al Alloys Revenue by Manufacturer (2018-2023) & (USD Million)

Table 75. Global Binary Ti-Al Alloys Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 76. Market Position of Manufacturers in Binary Ti-Al Alloys, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 77. Head Office and Binary Ti-Al Alloys Production Site of Key Manufacturer

Table 78. Binary Ti-Al Alloys Market: Company Product Type Footprint

Table 79. Binary Ti-Al Alloys Market: Company Product Application Footprint

Table 80. Binary Ti-Al Alloys New Market Entrants and Barriers to Market Entry

Table 81. Binary Ti-Al Alloys Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Binary Ti-Al Alloys Sales Quantity by Region (2018-2023) & (Tons)

Table 83. Global Binary Ti-Al Alloys Sales Quantity by Region (2024-2029) & (Tons)

Table 84. Global Binary Ti-Al Alloys Consumption Value by Region (2018-2023) & (USD Million)

Table 85. Global Binary Ti-Al Alloys Consumption Value by Region (2024-2029) & (USD Million)



Million)

Table 86. Global Binary Ti-Al Alloys Average Price by Region (2018-2023) & (US\$/Ton)

Table 87. Global Binary Ti-Al Alloys Average Price by Region (2024-2029) & (US\$/Ton)

Table 88. Global Binary Ti-Al Alloys Sales Quantity by Type (2018-2023) & (Tons)

Table 89. Global Binary Ti-Al Alloys Sales Quantity by Type (2024-2029) & (Tons)

Table 90. Global Binary Ti-Al Alloys Consumption Value by Type (2018-2023) & (USD Million)

Table 91. Global Binary Ti-Al Alloys Consumption Value by Type (2024-2029) & (USD Million)

Table 92. Global Binary Ti-Al Alloys Average Price by Type (2018-2023) & (US\$/Ton)

Table 93. Global Binary Ti-Al Alloys Average Price by Type (2024-2029) & (US\$/Ton)

Table 94. Global Binary Ti-Al Alloys Sales Quantity by Application (2018-2023) & (Tons)

Table 95. Global Binary Ti-Al Alloys Sales Quantity by Application (2024-2029) & (Tons)

Table 96. Global Binary Ti-Al Alloys Consumption Value by Application (2018-2023) & (USD Million)

Table 97. Global Binary Ti-Al Alloys Consumption Value by Application (2024-2029) & (USD Million)

Table 98. Global Binary Ti-Al Alloys Average Price by Application (2018-2023) & (US\$/Ton)

Table 99. Global Binary Ti-Al Alloys Average Price by Application (2024-2029) & (US\$/Ton)

Table 100. North America Binary Ti-Al Alloys Sales Quantity by Type (2018-2023) & (Tons)

Table 101. North America Binary Ti-Al Alloys Sales Quantity by Type (2024-2029) & (Tons)

Table 102. North America Binary Ti-Al Alloys Sales Quantity by Application (2018-2023) & (Tons)

Table 103. North America Binary Ti-Al Alloys Sales Quantity by Application (2024-2029) & (Tons)

Table 104. North America Binary Ti-Al Alloys Sales Quantity by Country (2018-2023) & (Tons)

Table 105. North America Binary Ti-Al Alloys Sales Quantity by Country (2024-2029) & (Tons)

Table 106. North America Binary Ti-Al Alloys Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America Binary Ti-Al Alloys Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe Binary Ti-Al Alloys Sales Quantity by Type (2018-2023) & (Tons)

Table 109. Europe Binary Ti-Al Alloys Sales Quantity by Type (2024-2029) & (Tons)

Table 110. Europe Binary Ti-Al Alloys Sales Quantity by Application (2018-2023) & (Tons)

Table 111. Europe Binary Ti-Al Alloys Sales Quantity by Application (2024-2029) & (Tons)

Table 112. Europe Binary Ti-Al Alloys Sales Quantity by Country (2018-2023) & (Tons)

Table 113. Europe Binary Ti-Al Alloys Sales Quantity by Country (2024-2029) & (Tons)

Table 114. Europe Binary Ti-Al Alloys Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe Binary Ti-Al Alloys Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Type (2018-2023) & (Tons)

Table 117. Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Type (2024-2029) & (Tons)

Table 118. Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Application (2018-2023) & (Tons)

Table 119. Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Application (2024-2029) & (Tons)

Table 120. Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Region (2018-2023) & (Tons)

Table 121. Asia-Pacific Binary Ti-Al Alloys Sales Quantity by Region (2024-2029) & (Tons)

Table 122. Asia-Pacific Binary Ti-Al Alloys Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Binary Ti-Al Alloys Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Binary Ti-Al Alloys Sales Quantity by Type (2018-2023) & (Tons)

Table 125. South America Binary Ti-Al Alloys Sales Quantity by Type (2024-2029) & (Tons)

Table 126. South America Binary Ti-Al Alloys Sales Quantity by Application (2018-2023) & (Tons)

Table 127. South America Binary Ti-Al Alloys Sales Quantity by Application (2024-2029) & (Tons)

Table 128. South America Binary Ti-Al Alloys Sales Quantity by Country (2018-2023) & (Tons)

Table 129. South America Binary Ti-Al Alloys Sales Quantity by Country (2024-2029) & (Tons)

Table 130. South America Binary Ti-Al Alloys Consumption Value by Country

(2018-2023) & (USD Million)

Table 131. South America Binary Ti-Al Alloys Consumption Value by Country

(2024-2029) & (USD Million)

Table 132. Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Type (2018-2023) & (Tons)

Table 133. Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Type (2024-2029) & (Tons)

Table 134. Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Application (2018-2023) & (Tons)

Table 135. Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Application (2024-2029) & (Tons)

Table 136. Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Region (2018-2023) & (Tons)

Table 137. Middle East & Africa Binary Ti-Al Alloys Sales Quantity by Region (2024-2029) & (Tons)

Table 138. Middle East & Africa Binary Ti-Al Alloys Consumption Value by Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa Binary Ti-Al Alloys Consumption Value by Region (2024-2029) & (USD Million)

Table 140. Binary Ti-Al Alloys Raw Material

Table 141. Key Manufacturers of Binary Ti-Al Alloys Raw Materials

Table 142. Binary Ti-Al Alloys Typical Distributors

Table 143. Binary Ti-Al Alloys Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Binary Ti-Al Alloys Picture

Figure 2. Global Binary Ti-Al Alloys Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Binary Ti-Al Alloys Consumption Value Market Share by Type in 2022

Figure 4.  $\alpha$ -Ti<sub>3</sub>Al Examples

Figure 5.  $\beta$ -TiAl Examples

Figure 6.  $\gamma$ -TiAl Examples

Figure 7. Global Binary Ti-Al Alloys Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Binary Ti-Al Alloys Consumption Value Market Share by Application in 2022

Figure 9. Automotive Examples

Figure 10. Aerospace Examples

Figure 11. Power & Energy Examples

Figure 12. Medical Examples

Figure 13. Defence Examples

Figure 14. Sports Examples

Figure 15. Others Examples

Figure 16. Global Binary Ti-Al Alloys Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Binary Ti-Al Alloys Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Binary Ti-Al Alloys Sales Quantity (2018-2029) & (Tons)

Figure 19. Global Binary Ti-Al Alloys Average Price (2018-2029) & (US\$/Ton)

Figure 20. Global Binary Ti-Al Alloys Sales Quantity Market Share by Manufacturer in 2022

Figure 21. Global Binary Ti-Al Alloys Consumption Value Market Share by Manufacturer in 2022

Figure 22. Producer Shipments of Binary Ti-Al Alloys by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 23. Top 3 Binary Ti-Al Alloys Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Binary Ti-Al Alloys Manufacturer (Consumption Value) Market Share in 2022

Figure 25. Global Binary Ti-Al Alloys Sales Quantity Market Share by Region

(2018-2029)

Figure 26. Global Binary Ti-Al Alloys Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Binary Ti-Al Alloys Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Binary Ti-Al Alloys Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Binary Ti-Al Alloys Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Binary Ti-Al Alloys Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Binary Ti-Al Alloys Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Binary Ti-Al Alloys Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Binary Ti-Al Alloys Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Binary Ti-Al Alloys Average Price by Type (2018-2029) & (US\$/Ton)

Figure 35. Global Binary Ti-Al Alloys Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Binary Ti-Al Alloys Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Binary Ti-Al Alloys Average Price by Application (2018-2029) & (US\$/Ton)

Figure 38. North America Binary Ti-Al Alloys Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Binary Ti-Al Alloys Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Binary Ti-Al Alloys Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Binary Ti-Al Alloys Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. Europe Binary Ti-Al Alloys Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Binary Ti-Al Alloys Sales Quantity Market Share by Application

(2018-2029)

Figure 47. Europe Binary Ti-Al Alloys Sales Quantity Market Share by Country

(2018-2029)

Figure 48. Europe Binary Ti-Al Alloys Consumption Value Market Share by Country

(2018-2029)

Figure 49. Germany Binary Ti-Al Alloys Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 50. France Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 51. United Kingdom Binary Ti-Al Alloys Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 52. Russia Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 53. Italy Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) &

(USD Million)

Figure 54. Asia-Pacific Binary Ti-Al Alloys Sales Quantity Market Share by Type

(2018-2029)

Figure 55. Asia-Pacific Binary Ti-Al Alloys Sales Quantity Market Share by Application

(2018-2029)

Figure 56. Asia-Pacific Binary Ti-Al Alloys Sales Quantity Market Share by Region

(2018-2029)

Figure 57. Asia-Pacific Binary Ti-Al Alloys Consumption Value Market Share by Region

(2018-2029)

Figure 58. China Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 59. Japan Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 60. Korea Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 61. India Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) &

(USD Million)

Figure 62. Southeast Asia Binary Ti-Al Alloys Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 63. Australia Binary Ti-Al Alloys Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 64. South America Binary Ti-Al Alloys Sales Quantity Market Share by Type

(2018-2029)

Figure 65. South America Binary Ti-Al Alloys Sales Quantity Market Share by

Application (2018-2029)

Figure 66. South America Binary Ti-Al Alloys Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Binary Ti-Al Alloys Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Binary Ti-Al Alloys Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Binary Ti-Al Alloys Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Binary Ti-Al Alloys Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Binary Ti-Al Alloys Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Binary Ti-Al Alloys Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Binary Ti-Al Alloys Market Drivers

Figure 79. Binary Ti-Al Alloys Market Restraints

Figure 80. Binary Ti-Al Alloys Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Binary Ti-Al Alloys in 2022

Figure 83. Manufacturing Process Analysis of Binary Ti-Al Alloys

Figure 84. Binary Ti-Al Alloys Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

## I would like to order

Product name: Global Binary Ti-Al Alloys Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G2963A8D0659EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2963A8D0659EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



