

Global Ring Groove Graphite Heat Exchanger Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Ring Groove Graphite Heat Exchanger market size was valued at US\$ 544 million in 2024 and is forecast to a readjusted size of USD 779 million by 2031 with a CAGR of 5.2% during review period.

The ring groove graphite heat exchanger is a shell and tube heat exchanger based on graphite material. Its core feature is that the tube bundle structure adopts a ring groove design, and the heat exchange between fluids is realized through the combination of graphite tubes and shells. This design combines the corrosion resistance of graphite and the efficient heat transfer performance of the ring groove structure, and is suitable for working conditions with strong corrosion, high temperature or high pressure.

This report is a detailed and comprehensive analysis for global Ring Groove Graphite Heat Exchanger market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Key Features:

Global Ring Groove Graphite Heat Exchanger market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Ring Groove Graphite Heat Exchanger market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Ring Groove Graphite Heat Exchanger market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Ring Groove Graphite Heat Exchanger market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Ring Groove Graphite Heat Exchanger
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Ring Groove Graphite Heat Exchanger market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mersen, SGL Carbon, Schunk Group, TOYO TANSO, GAB Neumann, Piller, JS Xinqiuhang, Zibo Huaxing Graphite, Sichuan Yintai, Jiangsu Lianguan, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Ring Groove Graphite Heat Exchanger market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche

markets.

Market segment by Type

Horizontal

Vertical

Market segment by Application

Chemical Industry

Metallurgical Industry

Pharmaceutical Industry

Other

Major players covered

Mersen

SGL Carbon

Schunk Group

TOYO TANSO

GAB Neumann

Piller

JS Xinqiuhang

Zibo Huaxing Graphite

Sichuan Yintai

Jiangsu Lianguan

Nantong Shanjian Graphite

Qingdao Hainuo Graphite

SGL Special Graphite

Shandong Huapeng Graphite

Nantong Yineng Fine Graphite Technology

Chengdu Hegui Heat Exchanger

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 Ring Groove Graphite Heat Exchanger product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ring Groove Graphite Heat Exchanger, with price, sales quantity, revenue, and global market share of Ring Groove Graphite Heat Exchanger from 2020 to 2025.

Chapter 3, the Ring Groove Graphite Heat Exchanger competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ring Groove Graphite Heat Exchanger breakdown data are shown at the

regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Ring Groove Graphite Heat Exchanger market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Ring Groove Graphite Heat Exchanger.

Chapter 14 and 15, to describe Ring Groove Graphite Heat Exchanger sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Ring Groove Graphite Heat Exchanger Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Horizontal

1.3.3 Vertical

1.4 Market Analysis by Application

1.4.1 Overview: Global Ring Groove Graphite Heat Exchanger Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Chemical Industry

1.4.3 Metallurgical Industry

1.4.4 Pharmaceutical Industry

1.4.5 Other

1.5 Global Ring Groove Graphite Heat Exchanger Market Size & Forecast

1.5.1 Global Ring Groove Graphite Heat Exchanger Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Ring Groove Graphite Heat Exchanger Sales Quantity (2020-2031)

1.5.3 Global Ring Groove Graphite Heat Exchanger Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Mersen

2.1.1 Mersen Details

2.1.2 Mersen Major Business

2.1.3 Mersen Ring Groove Graphite Heat Exchanger Product and Services

2.1.4 Mersen Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Mersen Recent Developments/Updates

2.2 SGL Carbon

2.2.1 SGL Carbon Details

2.2.2 SGL Carbon Major Business

2.2.3 SGL Carbon Ring Groove Graphite Heat Exchanger Product and Services

2.2.4 SGL Carbon Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 SGL Carbon Recent Developments/Updates
- 2.3 Schunk Group
 - 2.3.1 Schunk Group Details
 - 2.3.2 Schunk Group Major Business
 - 2.3.3 Schunk Group Ring Groove Graphite Heat Exchanger Product and Services
 - 2.3.4 Schunk Group Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Schunk Group Recent Developments/Updates
- 2.4 TOYO TANSO
 - 2.4.1 TOYO TANSO Details
 - 2.4.2 TOYO TANSO Major Business
 - 2.4.3 TOYO TANSO Ring Groove Graphite Heat Exchanger Product and Services
 - 2.4.4 TOYO TANSO Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 TOYO TANSO Recent Developments/Updates
- 2.5 GAB Neumann
 - 2.5.1 GAB Neumann Details
 - 2.5.2 GAB Neumann Major Business
 - 2.5.3 GAB Neumann Ring Groove Graphite Heat Exchanger Product and Services
 - 2.5.4 GAB Neumann Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 GAB Neumann Recent Developments/Updates
- 2.6 Piller
 - 2.6.1 Piller Details
 - 2.6.2 Piller Major Business
 - 2.6.3 Piller Ring Groove Graphite Heat Exchanger Product and Services
 - 2.6.4 Piller Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Piller Recent Developments/Updates
- 2.7 JS Xinqiuhang
 - 2.7.1 JS Xinqiuhang Details
 - 2.7.2 JS Xinqiuhang Major Business
 - 2.7.3 JS Xinqiuhang Ring Groove Graphite Heat Exchanger Product and Services
 - 2.7.4 JS Xinqiuhang Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 JS Xinqiuhang Recent Developments/Updates
- 2.8 Zibo Huaxing Graphite
 - 2.8.1 Zibo Huaxing Graphite Details
 - 2.8.2 Zibo Huaxing Graphite Major Business

2.8.3 Zibo Huaxing Graphite Ring Groove Graphite Heat Exchanger Product and Services

2.8.4 Zibo Huaxing Graphite Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 Zibo Huaxing Graphite Recent Developments/Updates

2.9 Sichuan Yintai

2.9.1 Sichuan Yintai Details

2.9.2 Sichuan Yintai Major Business

2.9.3 Sichuan Yintai Ring Groove Graphite Heat Exchanger Product and Services

2.9.4 Sichuan Yintai Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Sichuan Yintai Recent Developments/Updates

2.10 Jiangsu Lianguan

2.10.1 Jiangsu Lianguan Details

2.10.2 Jiangsu Lianguan Major Business

2.10.3 Jiangsu Lianguan Ring Groove Graphite Heat Exchanger Product and Services

2.10.4 Jiangsu Lianguan Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Jiangsu Lianguan Recent Developments/Updates

2.11 Nantong Shanjian Graphite

2.11.1 Nantong Shanjian Graphite Details

2.11.2 Nantong Shanjian Graphite Major Business

2.11.3 Nantong Shanjian Graphite Ring Groove Graphite Heat Exchanger Product and Services

2.11.4 Nantong Shanjian Graphite Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 Nantong Shanjian Graphite Recent Developments/Updates

2.12 Qingdao Hainuo Graphite

2.12.1 Qingdao Hainuo Graphite Details

2.12.2 Qingdao Hainuo Graphite Major Business

2.12.3 Qingdao Hainuo Graphite Ring Groove Graphite Heat Exchanger Product and Services

2.12.4 Qingdao Hainuo Graphite Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Qingdao Hainuo Graphite Recent Developments/Updates

2.13 SGL Special Graphite

2.13.1 SGL Special Graphite Details

2.13.2 SGL Special Graphite Major Business

2.13.3 SGL Special Graphite Ring Groove Graphite Heat Exchanger Product and

Services

2.13.4 SGL Special Graphite Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 SGL Special Graphite Recent Developments/Updates

2.14 Shandong Huapeng Graphite

2.14.1 Shandong Huapeng Graphite Details

2.14.2 Shandong Huapeng Graphite Major Business

2.14.3 Shandong Huapeng Graphite Ring Groove Graphite Heat Exchanger Product and Services

2.14.4 Shandong Huapeng Graphite Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Shandong Huapeng Graphite Recent Developments/Updates

2.15 Nantong Yineng Fine Graphite Technology

2.15.1 Nantong Yineng Fine Graphite Technology Details

2.15.2 Nantong Yineng Fine Graphite Technology Major Business

2.15.3 Nantong Yineng Fine Graphite Technology Ring Groove Graphite Heat Exchanger Product and Services

2.15.4 Nantong Yineng Fine Graphite Technology Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 Nantong Yineng Fine Graphite Technology Recent Developments/Updates

2.16 Chengdu Hegui Heat Exchanger

2.16.1 Chengdu Hegui Heat Exchanger Details

2.16.2 Chengdu Hegui Heat Exchanger Major Business

2.16.3 Chengdu Hegui Heat Exchanger Ring Groove Graphite Heat Exchanger Product and Services

2.16.4 Chengdu Hegui Heat Exchanger Ring Groove Graphite Heat Exchanger Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Chengdu Hegui Heat Exchanger Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: RING GROOVE GRAPHITE HEAT EXCHANGER BY MANUFACTURER

3.1 Global Ring Groove Graphite Heat Exchanger Sales Quantity by Manufacturer (2020-2025)

3.2 Global Ring Groove Graphite Heat Exchanger Revenue by Manufacturer (2020-2025)

3.3 Global Ring Groove Graphite Heat Exchanger Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Ring Groove Graphite Heat Exchanger by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Ring Groove Graphite Heat Exchanger Manufacturer Market Share in 2024

3.4.3 Top 6 Ring Groove Graphite Heat Exchanger Manufacturer Market Share in 2024

3.5 Ring Groove Graphite Heat Exchanger Market: Overall Company Footprint Analysis

3.5.1 Ring Groove Graphite Heat Exchanger Market: Region Footprint

3.5.2 Ring Groove Graphite Heat Exchanger Market: Company Product Type Footprint

3.5.3 Ring Groove Graphite Heat Exchanger 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 Ring Groove Graphite Heat Exchanger Market Size by Region

4.1.1 Global Ring Groove Graphite Heat Exchanger Sales Quantity by Region (2020-2031)

4.1.2 Global Ring Groove Graphite Heat Exchanger Consumption Value by Region (2020-2031)

4.1.3 Global Ring Groove Graphite Heat Exchanger Average Price by Region (2020-2031)

4.2 North America Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031)

4.3 Europe Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031)

4.4 Asia-Pacific Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031)

4.5 South America Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031)

4.6 Middle East & Africa Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2031)

5.2 Global Ring Groove Graphite Heat Exchanger Consumption Value by Type (2020-2031)

5.3 Global Ring Groove Graphite Heat Exchanger Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2031)

6.2 Global Ring Groove Graphite Heat Exchanger Consumption Value by Application (2020-2031)

6.3 Global Ring Groove Graphite Heat Exchanger Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2031)

7.2 North America Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2031)

7.3 North America Ring Groove Graphite Heat Exchanger Market Size by Country

7.3.1 North America Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2031)

7.3.2 North America Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2031)

8.2 Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2031)

8.3 Europe Ring Groove Graphite Heat Exchanger Market Size by Country

8.3.1 Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2031)

8.3.2 Europe Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Ring Groove Graphite Heat Exchanger Market Size by Region

9.3.1 Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Ring Groove Graphite Heat Exchanger Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2031)

10.2 South America Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2031)

10.3 South America Ring Groove Graphite Heat Exchanger Market Size by Country

10.3.1 South America Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2031)

10.3.2 South America Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Ring Groove Graphite Heat Exchanger Market Size by Country

11.3.1 Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Ring Groove Graphite Heat Exchanger Market Drivers

12.2 Ring Groove Graphite Heat Exchanger Market Restraints

12.3 Ring Groove Graphite Heat Exchanger 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 Ring Groove Graphite Heat Exchanger and Key Manufacturers

13.2 Manufacturing Costs Percentage of Ring Groove Graphite Heat Exchanger

13.3 Ring Groove Graphite Heat Exchanger Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Ring Groove Graphite Heat Exchanger Typical Distributors

14.3 Ring Groove Graphite Heat Exchanger 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 Ring Groove Graphite Heat Exchanger Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Ring Groove Graphite Heat Exchanger Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Mersen Basic Information, Manufacturing Base and Competitors

Table 4. Mersen Major Business

Table 5. Mersen Ring Groove Graphite Heat Exchanger Product and Services

Table 6. Mersen Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Mersen Recent Developments/Updates

Table 8. SGL Carbon Basic Information, Manufacturing Base and Competitors

Table 9. SGL Carbon Major Business

Table 10. SGL Carbon Ring Groove Graphite Heat Exchanger Product and Services

Table 11. SGL Carbon Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. SGL Carbon Recent Developments/Updates

Table 13. Schunk Group Basic Information, Manufacturing Base and Competitors

Table 14. Schunk Group Major Business

Table 15. Schunk Group Ring Groove Graphite Heat Exchanger Product and Services

Table 16. Schunk Group Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Schunk Group Recent Developments/Updates

Table 18. TOYO TANSO Basic Information, Manufacturing Base and Competitors

Table 19. TOYO TANSO Major Business

Table 20. TOYO TANSO Ring Groove Graphite Heat Exchanger Product and Services

Table 21. TOYO TANSO Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. TOYO TANSO Recent Developments/Updates

Table 23. GAB Neumann Basic Information, Manufacturing Base and Competitors

Table 24. GAB Neumann Major Business

Table 25. GAB Neumann Ring Groove Graphite Heat Exchanger Product and Services

Table 26. GAB Neumann Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. GAB Neumann Recent Developments/Updates

Table 28. Piller Basic Information, Manufacturing Base and Competitors

Table 29. Piller Major Business

Table 30. Piller Ring Groove Graphite Heat Exchanger Product and Services

Table 31. Piller Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Piller Recent Developments/Updates

Table 33. JS Xinqiuhang Basic Information, Manufacturing Base and Competitors

Table 34. JS Xinqiuhang Major Business

Table 35. JS Xinqiuhang Ring Groove Graphite Heat Exchanger Product and Services

Table 36. JS Xinqiuhang Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. JS Xinqiuhang Recent Developments/Updates

Table 38. Zibo Huaxing Graphite Basic Information, Manufacturing Base and Competitors

Table 39. Zibo Huaxing Graphite Major Business

Table 40. Zibo Huaxing Graphite Ring Groove Graphite Heat Exchanger Product and Services

Table 41. Zibo Huaxing Graphite Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Zibo Huaxing Graphite Recent Developments/Updates

Table 43. Sichuan Yintai Basic Information, Manufacturing Base and Competitors

Table 44. Sichuan Yintai Major Business

Table 45. Sichuan Yintai Ring Groove Graphite Heat Exchanger Product and Services

Table 46. Sichuan Yintai Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Sichuan Yintai Recent Developments/Updates

Table 48. Jiangsu Lianguan Basic Information, Manufacturing Base and Competitors

Table 49. Jiangsu Lianguan Major Business

Table 50. Jiangsu Lianguan Ring Groove Graphite Heat Exchanger Product and Services

Table 51. Jiangsu Lianguan Ring Groove Graphite Heat Exchanger Sales Quantity (K

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Jiangsu Lianguan Recent Developments/Updates

Table 53. Nantong Shanjian Graphite Basic Information, Manufacturing Base and Competitors

Table 54. Nantong Shanjian Graphite Major Business

Table 55. Nantong Shanjian Graphite Ring Groove Graphite Heat Exchanger Product and Services

Table 56. Nantong Shanjian Graphite Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Nantong Shanjian Graphite Recent Developments/Updates

Table 58. Qingdao Hainuo Graphite Basic Information, Manufacturing Base and Competitors

Table 59. Qingdao Hainuo Graphite Major Business

Table 60. Qingdao Hainuo Graphite Ring Groove Graphite Heat Exchanger Product and Services

Table 61. Qingdao Hainuo Graphite Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Qingdao Hainuo Graphite Recent Developments/Updates

Table 63. SGL Special Graphite Basic Information, Manufacturing Base and Competitors

Table 64. SGL Special Graphite Major Business

Table 65. SGL Special Graphite Ring Groove Graphite Heat Exchanger Product and Services

Table 66. SGL Special Graphite Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. SGL Special Graphite Recent Developments/Updates

Table 68. Shandong Huapeng Graphite Basic Information, Manufacturing Base and Competitors

Table 69. Shandong Huapeng Graphite Major Business

Table 70. Shandong Huapeng Graphite Ring Groove Graphite Heat Exchanger Product and Services

Table 71. Shandong Huapeng Graphite Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Shandong Huapeng Graphite Recent Developments/Updates

- Table 73. Nantong Yineng Fine Graphite Technology Basic Information, Manufacturing Base and Competitors
- Table 74. Nantong Yineng Fine Graphite Technology Major Business
- Table 75. Nantong Yineng Fine Graphite Technology Ring Groove Graphite Heat Exchanger Product and Services
- Table 76. Nantong Yineng Fine Graphite Technology Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 77. Nantong Yineng Fine Graphite Technology Recent Developments/Updates
- Table 78. Chengdu Hegui Heat Exchanger Basic Information, Manufacturing Base and Competitors
- Table 79. Chengdu Hegui Heat Exchanger Major Business
- Table 80. Chengdu Hegui Heat Exchanger Ring Groove Graphite Heat Exchanger Product and Services
- Table 81. Chengdu Hegui Heat Exchanger Ring Groove Graphite Heat Exchanger Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 82. Chengdu Hegui Heat Exchanger Recent Developments/Updates
- Table 83. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Manufacturer (2020-2025) & (K Units)
- Table 84. Global Ring Groove Graphite Heat Exchanger Revenue by Manufacturer (2020-2025) & (USD Million)
- Table 85. Global Ring Groove Graphite Heat Exchanger Average Price by Manufacturer (2020-2025) & (US\$/Unit)
- Table 86. Market Position of Manufacturers in Ring Groove Graphite Heat Exchanger, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
- Table 87. Head Office and Ring Groove Graphite Heat Exchanger Production Site of Key Manufacturer
- Table 88. Ring Groove Graphite Heat Exchanger Market: Company Product Type Footprint
- Table 89. Ring Groove Graphite Heat Exchanger Market: Company Product Application Footprint
- Table 90. Ring Groove Graphite Heat Exchanger New Market Entrants and Barriers to Market Entry
- Table 91. Ring Groove Graphite Heat Exchanger Mergers, Acquisition, Agreements, and Collaborations
- Table 92. Global Ring Groove Graphite Heat Exchanger Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
- Table 93. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Region

(2020-2025) & (K Units)

Table 94. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Region

(2026-2031) & (K Units)

Table 95. Global Ring Groove Graphite Heat Exchanger Consumption Value by Region

(2020-2025) & (USD Million)

Table 96. Global Ring Groove Graphite Heat Exchanger Consumption Value by Region

(2026-2031) & (USD Million)

Table 97. Global Ring Groove Graphite Heat Exchanger Average Price by Region

(2020-2025) & (US\$/Unit)

Table 98. Global Ring Groove Graphite Heat Exchanger Average Price by Region

(2026-2031) & (US\$/Unit)

Table 99. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Type

(2020-2025) & (K Units)

Table 100. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Type

(2026-2031) & (K Units)

Table 101. Global Ring Groove Graphite Heat Exchanger Consumption Value by Type

(2020-2025) & (USD Million)

Table 102. Global Ring Groove Graphite Heat Exchanger Consumption Value by Type

(2026-2031) & (USD Million)

Table 103. Global Ring Groove Graphite Heat Exchanger Average Price by Type

(2020-2025) & (US\$/Unit)

Table 104. Global Ring Groove Graphite Heat Exchanger Average Price by Type

(2026-2031) & (US\$/Unit)

Table 105. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Application
(2020-2025) & (K Units)

Table 106. Global Ring Groove Graphite Heat Exchanger Sales Quantity by Application
(2026-2031) & (K Units)

Table 107. Global Ring Groove Graphite Heat Exchanger Consumption Value by
Application (2020-2025) & (USD Million)

Table 108. Global Ring Groove Graphite Heat Exchanger Consumption Value by
Application (2026-2031) & (USD Million)

Table 109. Global Ring Groove Graphite Heat Exchanger Average Price by Application
(2020-2025) & (US\$/Unit)

Table 110. Global Ring Groove Graphite Heat Exchanger Average Price by Application
(2026-2031) & (US\$/Unit)

Table 111. North America Ring Groove Graphite Heat Exchanger Sales Quantity by
Type (2020-2025) & (K Units)

Table 112. North America Ring Groove Graphite Heat Exchanger Sales Quantity by
Type (2026-2031) & (K Units)

Table 113. North America Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2025) & (K Units)

Table 114. North America Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2026-2031) & (K Units)

Table 115. North America Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2025) & (K Units)

Table 116. North America Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2026-2031) & (K Units)

Table 117. North America Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2025) & (USD Million)

Table 118. North America Ring Groove Graphite Heat Exchanger Consumption Value by Country (2026-2031) & (USD Million)

Table 119. Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2025) & (K Units)

Table 120. Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2026-2031) & (K Units)

Table 121. Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2025) & (K Units)

Table 122. Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2026-2031) & (K Units)

Table 123. Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2025) & (K Units)

Table 124. Europe Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2026-2031) & (K Units)

Table 125. Europe Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2025) & (USD Million)

Table 126. Europe Ring Groove Graphite Heat Exchanger Consumption Value by Country (2026-2031) & (USD Million)

Table 127. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2025) & (K Units)

Table 128. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2026-2031) & (K Units)

Table 129. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2025) & (K Units)

Table 130. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2026-2031) & (K Units)

Table 131. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by Region (2020-2025) & (K Units)

Table 132. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity by

Region (2026-2031) & (K Units)

Table 133. Asia-Pacific Ring Groove Graphite Heat Exchanger Consumption Value by Region (2020-2025) & (USD Million)

Table 134. Asia-Pacific Ring Groove Graphite Heat Exchanger Consumption Value by Region (2026-2031) & (USD Million)

Table 135. South America Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2025) & (K Units)

Table 136. South America Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2026-2031) & (K Units)

Table 137. South America Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2025) & (K Units)

Table 138. South America Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2026-2031) & (K Units)

Table 139. South America Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2025) & (K Units)

Table 140. South America Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2026-2031) & (K Units)

Table 141. South America Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2025) & (USD Million)

Table 142. South America Ring Groove Graphite Heat Exchanger Consumption Value by Country (2026-2031) & (USD Million)

Table 143. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2020-2025) & (K Units)

Table 144. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Type (2026-2031) & (K Units)

Table 145. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2020-2025) & (K Units)

Table 146. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Application (2026-2031) & (K Units)

Table 147. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2020-2025) & (K Units)

Table 148. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity by Country (2026-2031) & (K Units)

Table 149. Middle East & Africa Ring Groove Graphite Heat Exchanger Consumption Value by Country (2020-2025) & (USD Million)

Table 150. Middle East & Africa Ring Groove Graphite Heat Exchanger Consumption Value by Country (2026-2031) & (USD Million)

Table 151. Ring Groove Graphite Heat Exchanger Raw Material

Table 152. Key Manufacturers of Ring Groove Graphite Heat Exchanger Raw Materials

Table 153. Ring Groove Graphite Heat Exchanger Typical Distributors

Table 154. Ring Groove Graphite Heat Exchanger Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Ring Groove Graphite Heat Exchanger Picture
- Figure 2. Global Ring Groove Graphite Heat Exchanger Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Ring Groove Graphite Heat Exchanger Revenue Market Share by Type in 2024
- Figure 4. Horizontal Examples
- Figure 5. Vertical Examples
- Figure 6. Global Ring Groove Graphite Heat Exchanger Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global Ring Groove Graphite Heat Exchanger Revenue Market Share by Application in 2024
- Figure 8. Chemical Industry Examples
- Figure 9. Metallurgical Industry Examples
- Figure 10. Pharmaceutical Industry Examples
- Figure 11. Other Examples
- Figure 12. Global Ring Groove Graphite Heat Exchanger Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 13. Global Ring Groove Graphite Heat Exchanger Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 14. Global Ring Groove Graphite Heat Exchanger Sales Quantity (2020-2031) & (K Units)
- Figure 15. Global Ring Groove Graphite Heat Exchanger Price (2020-2031) & (US\$/Unit)
- Figure 16. Global Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Manufacturer in 2024
- Figure 17. Global Ring Groove Graphite Heat Exchanger Revenue Market Share by Manufacturer in 2024
- Figure 18. Producer Shipments of Ring Groove Graphite Heat Exchanger by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 19. Top 3 Ring Groove Graphite Heat Exchanger Manufacturer (Revenue) Market Share in 2024
- Figure 20. Top 6 Ring Groove Graphite Heat Exchanger Manufacturer (Revenue) Market Share in 2024
- Figure 21. Global Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Region (2020-2031)

Figure 22. Global Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Region (2020-2031)

Figure 23. North America Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 24. Europe Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 26. South America Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 28. Global Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Type (2020-2031)

Figure 30. Global Ring Groove Graphite Heat Exchanger Average Price by Type (2020-2031) & (US\$/Unit)

Figure 31. Global Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Application (2020-2031)

Figure 32. Global Ring Groove Graphite Heat Exchanger Revenue Market Share by Application (2020-2031)

Figure 33. Global Ring Groove Graphite Heat Exchanger Average Price by Application (2020-2031) & (US\$/Unit)

Figure 34. North America Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Type (2020-2031)

Figure 35. North America Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Application (2020-2031)

Figure 36. North America Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Country (2020-2031)

Figure 37. North America Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Country (2020-2031)

Figure 38. United States Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 39. Canada Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 41. Europe Ring Groove Graphite Heat Exchanger Sales Quantity Market Share

by Type (2020-2031)

Figure 42. Europe Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Application (2020-2031)

Figure 43. Europe Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Country (2020-2031)

Figure 44. Europe Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 46. France Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Region (2020-2031)

Figure 54. China Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 57. India Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Application (2020-2031)

Figure 62. South America Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Country (2020-2031)

Figure 63. South America Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa Ring Groove Graphite Heat Exchanger Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa Ring Groove Graphite Heat Exchanger Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa Ring Groove Graphite Heat Exchanger Consumption Value (2020-2031) & (USD Million)

Figure 74. Ring Groove Graphite Heat Exchanger Market Drivers

Figure 75. Ring Groove Graphite Heat Exchanger Market Restraints

Figure 76. Ring Groove Graphite Heat Exchanger Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Ring Groove Graphite Heat Exchanger in 2024

Figure 79. Manufacturing Process Analysis of Ring Groove Graphite Heat Exchanger

Figure 80. Ring Groove Graphite Heat Exchanger Industrial Chain

Figure 81. Sales Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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