

Global Thermal Fan Clutch Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G844380E07F0EN.html>

Date: August 2026

Pages: 154

Price: US\$ 4,480.00 (Single User License)

ID: G844380E07F0EN

Abstracts

The global Thermal Fan Clutch market size is expected to reach \$ 1832 million by 2032, rising at a market growth of 5.2% CAGR during the forecast period (2026-2032).

Thermostatic fan clutches?also known as temperature-sensitive fan clutches?are temperature-controlled transmission components installed between the engine and the cooling fan; they typically regulate silicone oil flow using a bimetallic temperature-sensing element. They reduce fan speed when the engine temperature is low and increase power transmission when the temperature rises?accelerating the fan?thereby balancing cooling efficiency, fuel economy, and noise control.

Upstream inputs primarily include aluminum alloys, steel, silicone oil, bimetallic strips, bearings, seals, and valve plates, as well as precision casting and machining equipment. Downstream markets consist mainly of manufacturers of commercial vehicles, passenger cars, construction machinery, agricultural machinery, generator sets, and mining equipment, alongside the automotive maintenance and aftermarket sectors.?The global market for thermostatic fan clutches features an average unit price of \$75, with annual sales of approximately 16.7 million units, an annual production capacity of about 22 million units, and an industry profit margin of around 18%.

Future development in the global thermostatic fan clutch market will focus on electronic control, stepless speed regulation, low energy consumption, and high reliability. As energy conservation and emission reduction requirements tighten for commercial vehicles, construction machinery, and non-road equipment, traditional bimetallic-controlled products will increasingly integrate with engine control units and signals regarding coolant temperature, oil temperature, and A/C pressure to achieve more precise, on-demand cooling. Lightweight housings, low-viscosity-loss silicone oil, long-

life bearings, and high-temperature-resistant sealing materials will see wider application. While demand for traditional mechanical fan clutches from new energy vehicles is limited, hybrid heavy-duty trucks, power generation equipment, and heavy-load diesel machinery will continue to generate stable demand. Meanwhile, the aftermarket will place greater emphasis on product durability, compatibility, and lifecycle costs; market share is expected to concentrate further among leading enterprises that possess thermal management system integration capabilities and global supply networks.

This report studies the global Thermal Fan Clutch production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thermal Fan Clutch and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thermal Fan Clutch that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Thermal Fan Clutch total production and demand, 2021-2032, (K Units)

Global Thermal Fan Clutch total production value, 2021-2032, (USD Million)

Global Thermal Fan Clutch production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Thermal Fan Clutch consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Thermal Fan Clutch domestic production, consumption, key domestic manufacturers and share

Global Thermal Fan Clutch production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Thermal Fan Clutch production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Thermal Fan Clutch production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Thermal Fan Clutch market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BorgWarner, Horton, MAHLE, ZF, AISIN, GMB,

Hayden Automotive, Four Seasons, US Motor Works, Dayco, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Thermal Fan Clutch market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Thermal Fan Clutch Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Thermal Fan Clutch Market, Segmentation by Type:

Bimetal Thermostatic Fan Clutch

Electronically Controlled Viscous Fan Clutch

Electro-Pneumatic Fan Clutch

Global Thermal Fan Clutch Market, Segmentation by Working Principle:

Viscous Fan Clutch

Friction Fan Clutch

Pneumatic Fan Clutch

Electromagnetic Fan Clutch

Global Thermal Fan Clutch Market, Segmentation by Working Medium:

Silicone Oil Fan Clutch

Dry Friction Fan Clutch

Air-Actuated Fan Clutch

Global Thermal Fan Clutch Market, Segmentation by Application:

Passenger Vehicles

Commercial Vehicles

Companies Profiled:

BorgWarner

Horton

MAHLE

ZF

AISIN

GMB

Hayden Automotive

Four Seasons

US Motor Works

Dayco

Cojali

Nissens

NRF

Unicent

Snow Dragon Group

Warner Shenglong

Key Questions Answered:

1. How big is the global Thermal Fan Clutch market?
2. What is the demand of the global Thermal Fan Clutch market?
3. What is the year over year growth of the global Thermal Fan Clutch market?
4. What is the production and production value of the global Thermal Fan Clutch market?
5. Who are the key producers in the global Thermal Fan Clutch market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Thermal Fan Clutch Introduction
- 1.2 World Thermal Fan Clutch Supply & Forecast
 - 1.2.1 World Thermal Fan Clutch Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Thermal Fan Clutch Production (2021-2032)
 - 1.2.3 World Thermal Fan Clutch Pricing Trends (2021-2032)
- 1.3 World Thermal Fan Clutch Production by Region (Based on Production Site)
 - 1.3.1 World Thermal Fan Clutch Production Value by Region (2021-2032)
 - 1.3.2 World Thermal Fan Clutch Production by Region (2021-2032)
 - 1.3.3 World Thermal Fan Clutch Average Price by Region (2021-2032)
 - 1.3.4 North America Thermal Fan Clutch Production (2021-2032)
 - 1.3.5 Europe Thermal Fan Clutch Production (2021-2032)
 - 1.3.6 China Thermal Fan Clutch Production (2021-2032)
 - 1.3.7 Japan Thermal Fan Clutch Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Thermal Fan Clutch Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Thermal Fan Clutch Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Thermal Fan Clutch Demand (2021-2032)
- 2.2 World Thermal Fan Clutch Consumption by Region
 - 2.2.1 World Thermal Fan Clutch Consumption by Region (2021-2026)
 - 2.2.2 World Thermal Fan Clutch Consumption Forecast by Region (2027-2032)
- 2.3 United States Thermal Fan Clutch Consumption (2021-2032)
- 2.4 China Thermal Fan Clutch Consumption (2021-2032)
- 2.5 Europe Thermal Fan Clutch Consumption (2021-2032)
- 2.6 Japan Thermal Fan Clutch Consumption (2021-2032)
- 2.7 South Korea Thermal Fan Clutch Consumption (2021-2032)
- 2.8 ASEAN Thermal Fan Clutch Consumption (2021-2032)
- 2.9 India Thermal Fan Clutch Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Thermal Fan Clutch Production Value by Manufacturer (2021-2026)

- 3.2 World Thermal Fan Clutch Production by Manufacturer (2021-2026)
- 3.3 World Thermal Fan Clutch Average Price by Manufacturer (2021-2026)
- 3.4 Thermal Fan Clutch Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Thermal Fan Clutch Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Thermal Fan Clutch in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Thermal Fan Clutch in 2025
- 3.6 Thermal Fan Clutch Market: Overall Company Footprint Analysis
 - 3.6.1 Thermal Fan Clutch Market: Region Footprint
 - 3.6.2 Thermal Fan Clutch Market: Company Product Type Footprint
 - 3.6.3 Thermal Fan Clutch Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Thermal Fan Clutch Production Value Comparison
 - 4.1.1 United States VS China: Thermal Fan Clutch Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Thermal Fan Clutch Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Thermal Fan Clutch Production Comparison
 - 4.2.1 United States VS China: Thermal Fan Clutch Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Thermal Fan Clutch Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Thermal Fan Clutch Consumption Comparison
 - 4.3.1 United States VS China: Thermal Fan Clutch Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Thermal Fan Clutch Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Thermal Fan Clutch Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Thermal Fan Clutch Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Thermal Fan Clutch Production Value (2021-2026)

4.4.3 United States Based Manufacturers Thermal Fan Clutch Production (2021-2026)

4.5 China Based Thermal Fan Clutch Manufacturers and Market Share

4.5.1 China Based Thermal Fan Clutch Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Thermal Fan Clutch Production Value (2021-2026)

4.5.3 China Based Manufacturers Thermal Fan Clutch Production (2021-2026)

4.6 Rest of World Based Thermal Fan Clutch Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Thermal Fan Clutch Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Thermal Fan Clutch Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Thermal Fan Clutch Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Thermal Fan Clutch Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Bimetal Thermostatic Fan Clutch

5.2.2 Electronically Controlled Viscous Fan Clutch

5.2.3 Electro-Pneumatic Fan Clutch

5.3 Market Segment by Type

5.3.1 World Thermal Fan Clutch Production by Type (2021-2032)

5.3.2 World Thermal Fan Clutch Production Value by Type (2021-2032)

5.3.3 World Thermal Fan Clutch Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY WORKING PRINCIPLE

6.1 World Thermal Fan Clutch Market Size Overview by Working Principle: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Working Principle

6.2.1 Viscous Fan Clutch

6.2.2 Friction Fan Clutch

6.2.3 Pneumatic Fan Clutch

6.2.4 Electromagnetic Fan Clutch

6.3 Market Segment by Working Principle

6.3.1 World Thermal Fan Clutch Production by Working Principle (2021-2032)

- 6.3.2 World Thermal Fan Clutch Production Value by Working Principle (2021-2032)
- 6.3.3 World Thermal Fan Clutch Average Price by Working Principle (2021-2032)

7 MARKET ANALYSIS BY WORKING MEDIUM

- 7.1 World Thermal Fan Clutch Market Size Overview by Working Medium: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Working Medium
 - 7.2.1 Silicone Oil Fan Clutch
 - 7.2.2 Dry Friction Fan Clutch
 - 7.2.3 Air-Actuated Fan Clutch
- 7.3 Market Segment by Working Medium
 - 7.3.1 World Thermal Fan Clutch Production by Working Medium (2021-2032)
 - 7.3.2 World Thermal Fan Clutch Production Value by Working Medium (2021-2032)
 - 7.3.3 World Thermal Fan Clutch Average Price by Working Medium (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

- 8.1 World Thermal Fan Clutch Market Size Overview by Application: 2021 VS 2025 VS 2032
- 8.2 Segment Introduction by Application
 - 8.2.1 Passenger Vehicles
 - 8.2.2 Commercial Vehicles
- 8.3 Market Segment by Application
 - 8.3.1 World Thermal Fan Clutch Production by Application (2021-2032)
 - 8.3.2 World Thermal Fan Clutch Production Value by Application (2021-2032)
 - 8.3.3 World Thermal Fan Clutch Average Price by Application (2021-2032)

9 COMPANY PROFILES

- 9.1 BorgWarner
 - 9.1.1 BorgWarner Details
 - 9.1.2 BorgWarner Major Business
 - 9.1.3 BorgWarner Thermal Fan Clutch Product and Services
 - 9.1.4 BorgWarner Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.1.5 BorgWarner Recent Developments/Updates
 - 9.1.6 BorgWarner Competitive Strengths & Weaknesses
- 9.2 Horton

- 9.2.1 Horton Details
- 9.2.2 Horton Major Business
- 9.2.3 Horton Thermal Fan Clutch Product and Services
- 9.2.4 Horton Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 Horton Recent Developments/Updates
- 9.2.6 Horton Competitive Strengths & Weaknesses
- 9.3 MAHLE
 - 9.3.1 MAHLE Details
 - 9.3.2 MAHLE Major Business
 - 9.3.3 MAHLE Thermal Fan Clutch Product and Services
 - 9.3.4 MAHLE Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 MAHLE Recent Developments/Updates
 - 9.3.6 MAHLE Competitive Strengths & Weaknesses
- 9.4 ZF
 - 9.4.1 ZF Details
 - 9.4.2 ZF Major Business
 - 9.4.3 ZF Thermal Fan Clutch Product and Services
 - 9.4.4 ZF Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 ZF Recent Developments/Updates
 - 9.4.6 ZF Competitive Strengths & Weaknesses
- 9.5 AISIN
 - 9.5.1 AISIN Details
 - 9.5.2 AISIN Major Business
 - 9.5.3 AISIN Thermal Fan Clutch Product and Services
 - 9.5.4 AISIN Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 AISIN Recent Developments/Updates
 - 9.5.6 AISIN Competitive Strengths & Weaknesses
- 9.6 GMB
 - 9.6.1 GMB Details
 - 9.6.2 GMB Major Business
 - 9.6.3 GMB Thermal Fan Clutch Product and Services
 - 9.6.4 GMB Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 GMB Recent Developments/Updates
 - 9.6.6 GMB Competitive Strengths & Weaknesses

9.7 Hayden Automotive

9.7.1 Hayden Automotive Details

9.7.2 Hayden Automotive Major Business

9.7.3 Hayden Automotive Thermal Fan Clutch Product and Services

9.7.4 Hayden Automotive Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Hayden Automotive Recent Developments/Updates

9.7.6 Hayden Automotive Competitive Strengths & Weaknesses

9.8 Four Seasons

9.8.1 Four Seasons Details

9.8.2 Four Seasons Major Business

9.8.3 Four Seasons Thermal Fan Clutch Product and Services

9.8.4 Four Seasons Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Four Seasons Recent Developments/Updates

9.8.6 Four Seasons Competitive Strengths & Weaknesses

9.9 US Motor Works

9.9.1 US Motor Works Details

9.9.2 US Motor Works Major Business

9.9.3 US Motor Works Thermal Fan Clutch Product and Services

9.9.4 US Motor Works Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 US Motor Works Recent Developments/Updates

9.9.6 US Motor Works Competitive Strengths & Weaknesses

9.10 Dayco

9.10.1 Dayco Details

9.10.2 Dayco Major Business

9.10.3 Dayco Thermal Fan Clutch Product and Services

9.10.4 Dayco Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Dayco Recent Developments/Updates

9.10.6 Dayco Competitive Strengths & Weaknesses

9.11 Cojali

9.11.1 Cojali Details

9.11.2 Cojali Major Business

9.11.3 Cojali Thermal Fan Clutch Product and Services

9.11.4 Cojali Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Cojali Recent Developments/Updates

- 9.11.6 Cojali Competitive Strengths & Weaknesses
- 9.12 Nissens
 - 9.12.1 Nissens Details
 - 9.12.2 Nissens Major Business
 - 9.12.3 Nissens Thermal Fan Clutch Product and Services
 - 9.12.4 Nissens Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Nissens Recent Developments/Updates
 - 9.12.6 Nissens Competitive Strengths & Weaknesses
- 9.13 NRF
 - 9.13.1 NRF Details
 - 9.13.2 NRF Major Business
 - 9.13.3 NRF Thermal Fan Clutch Product and Services
 - 9.13.4 NRF Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 NRF Recent Developments/Updates
 - 9.13.6 NRF Competitive Strengths & Weaknesses
- 9.14 Unicent
 - 9.14.1 Unicent Details
 - 9.14.2 Unicent Major Business
 - 9.14.3 Unicent Thermal Fan Clutch Product and Services
 - 9.14.4 Unicent Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Unicent Recent Developments/Updates
 - 9.14.6 Unicent Competitive Strengths & Weaknesses
- 9.15 Snow Dragon Group
 - 9.15.1 Snow Dragon Group Details
 - 9.15.2 Snow Dragon Group Major Business
 - 9.15.3 Snow Dragon Group Thermal Fan Clutch Product and Services
 - 9.15.4 Snow Dragon Group Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Snow Dragon Group Recent Developments/Updates
 - 9.15.6 Snow Dragon Group Competitive Strengths & Weaknesses
- 9.16 Warner Shenglong
 - 9.16.1 Warner Shenglong Details
 - 9.16.2 Warner Shenglong Major Business
 - 9.16.3 Warner Shenglong Thermal Fan Clutch Product and Services
 - 9.16.4 Warner Shenglong Thermal Fan Clutch Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Warner Shenglong Recent Developments/Updates

9.16.6 Warner Shenglong Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Thermal Fan Clutch Industry Chain

10.2 Thermal Fan Clutch Upstream Analysis

10.2.1 Thermal Fan Clutch Core Raw Materials

10.2.2 Main Manufacturers of Thermal Fan Clutch Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Thermal Fan Clutch Production Mode

10.6 Thermal Fan Clutch Procurement Model

10.7 Thermal Fan Clutch Industry Sales Model and Sales Channels

10.7.1 Thermal Fan Clutch Sales Model

10.7.2 Thermal Fan Clutch Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Thermal Fan Clutch Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Thermal Fan Clutch Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Thermal Fan Clutch Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Thermal Fan Clutch Production Value Market Share by Region (2021-2026)
- Table 5. World Thermal Fan Clutch Production Value Market Share by Region (2027-2032)
- Table 6. World Thermal Fan Clutch Production by Region (2021-2026) & (K Units)
- Table 7. World Thermal Fan Clutch Production by Region (2027-2032) & (K Units)
- Table 8. World Thermal Fan Clutch Production Market Share by Region (2021-2026)
- Table 9. World Thermal Fan Clutch Production Market Share by Region (2027-2032)
- Table 10. World Thermal Fan Clutch Average Price by Region (2021-2026) & (USD/Unit)
- Table 11. World Thermal Fan Clutch Average Price by Region (2027-2032) & (USD/Unit)
- Table 12. Thermal Fan Clutch Major Market Trends
- Table 13. World Thermal Fan Clutch Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Thermal Fan Clutch Consumption by Region (2021-2026) & (K Units)
- Table 15. World Thermal Fan Clutch Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Thermal Fan Clutch Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Thermal Fan Clutch Producers in 2025
- Table 18. World Thermal Fan Clutch Production by Manufacturer (2021-2026) & (K Units)
- Table 19. Production Market Share of Key Thermal Fan Clutch Producers in 2025
- Table 20. World Thermal Fan Clutch Average Price by Manufacturer (2021-2026) & (USD/Unit)
- Table 21. Global Thermal Fan Clutch Company Evaluation Quadrant
- Table 22. World Thermal Fan Clutch Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Thermal Fan Clutch Production Site of Key Manufacturer

Table 24. Thermal Fan Clutch Market: Company Product Type Footprint

Table 25. Thermal Fan Clutch Market: Company Product Application Footprint

Table 26. Thermal Fan Clutch Competitive Factors

Table 27. Thermal Fan Clutch New Entrant and Capacity Expansion Plans

Table 28. Thermal Fan Clutch Mergers & Acquisitions Activity

Table 29. United States VS China Thermal Fan Clutch Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Thermal Fan Clutch Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Thermal Fan Clutch Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Thermal Fan Clutch Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Thermal Fan Clutch Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Thermal Fan Clutch Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Thermal Fan Clutch Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Thermal Fan Clutch Production Market Share (2021-2026)

Table 37. China Based Thermal Fan Clutch Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Thermal Fan Clutch Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Thermal Fan Clutch Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Thermal Fan Clutch Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Thermal Fan Clutch Production Market Share (2021-2026)

Table 42. Rest of World Based Thermal Fan Clutch Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Thermal Fan Clutch Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Thermal Fan Clutch Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Thermal Fan Clutch Production,

(2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Thermal Fan Clutch Production Market Share (2021-2026)

Table 47. World Thermal Fan Clutch Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Thermal Fan Clutch Production by Type (2021-2026) & (K Units)

Table 49. World Thermal Fan Clutch Production by Type (2027-2032) & (K Units)

Table 50. World Thermal Fan Clutch Production Value by Type (2021-2026) & (USD Million)

Table 51. World Thermal Fan Clutch Production Value by Type (2027-2032) & (USD Million)

Table 52. World Thermal Fan Clutch Average Price by Type (2021-2026) & (USD/Unit)

Table 53. World Thermal Fan Clutch Average Price by Type (2027-2032) & (USD/Unit)

Table 54. World Thermal Fan Clutch Production Value by Working Principle, (USD Million), 2021 & 2025 & 2032

Table 55. World Thermal Fan Clutch Production by Working Principle (2021-2026) & (K Units)

Table 56. World Thermal Fan Clutch Production by Working Principle (2027-2032) & (K Units)

Table 57. World Thermal Fan Clutch Production Value by Working Principle (2021-2026) & (USD Million)

Table 58. World Thermal Fan Clutch Production Value by Working Principle (2027-2032) & (USD Million)

Table 59. World Thermal Fan Clutch Average Price by Working Principle (2021-2026) & (USD/Unit)

Table 60. World Thermal Fan Clutch Average Price by Working Principle (2027-2032) & (USD/Unit)

Table 61. World Thermal Fan Clutch Production Value by Working Medium, (USD Million), 2021 & 2025 & 2032

Table 62. World Thermal Fan Clutch Production by Working Medium (2021-2026) & (K Units)

Table 63. World Thermal Fan Clutch Production by Working Medium (2027-2032) & (K Units)

Table 64. World Thermal Fan Clutch Production Value by Working Medium (2021-2026) & (USD Million)

Table 65. World Thermal Fan Clutch Production Value by Working Medium (2027-2032) & (USD Million)

Table 66. World Thermal Fan Clutch Average Price by Working Medium (2021-2026) & (USD/Unit)

Table 67. World Thermal Fan Clutch Average Price by Working Medium (2027-2032) & (USD/Unit)

Table 68. World Thermal Fan Clutch Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Thermal Fan Clutch Production by Application (2021-2026) & (K Units)

Table 70. World Thermal Fan Clutch Production by Application (2027-2032) & (K Units)

Table 71. World Thermal Fan Clutch Production Value by Application (2021-2026) & (USD Million)

Table 72. World Thermal Fan Clutch Production Value by Application (2027-2032) & (USD Million)

Table 73. World Thermal Fan Clutch Average Price by Application (2021-2026) & (USD/Unit)

Table 74. World Thermal Fan Clutch Average Price by Application (2027-2032) & (USD/Unit)

Table 75. BorgWarner Basic Information, Manufacturing Base and Competitors

Table 76. BorgWarner Major Business

Table 77. BorgWarner Thermal Fan Clutch Product and Services

Table 78. BorgWarner Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. BorgWarner Recent Developments/Updates

Table 80. BorgWarner Competitive Strengths & Weaknesses

Table 81. Horton Basic Information, Manufacturing Base and Competitors

Table 82. Horton Major Business

Table 83. Horton Thermal Fan Clutch Product and Services

Table 84. Horton Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Horton Recent Developments/Updates

Table 86. Horton Competitive Strengths & Weaknesses

Table 87. MAHLE Basic Information, Manufacturing Base and Competitors

Table 88. MAHLE Major Business

Table 89. MAHLE Thermal Fan Clutch Product and Services

Table 90. MAHLE Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. MAHLE Recent Developments/Updates

Table 92. MAHLE Competitive Strengths & Weaknesses

Table 93. ZF Basic Information, Manufacturing Base and Competitors

Table 94. ZF Major Business

Table 95. ZF Thermal Fan Clutch Product and Services

Table 96. ZF Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production

Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. ZF Recent Developments/Updates

Table 98. ZF Competitive Strengths & Weaknesses

Table 99. AISIN Basic Information, Manufacturing Base and Competitors

Table 100. AISIN Major Business

Table 101. AISIN Thermal Fan Clutch Product and Services

Table 102. AISIN Thermal Fan Clutch Production (K Units), Price (USD/Unit),
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. AISIN Recent Developments/Updates

Table 104. AISIN Competitive Strengths & Weaknesses

Table 105. GMB Basic Information, Manufacturing Base and Competitors

Table 106. GMB Major Business

Table 107. GMB Thermal Fan Clutch Product and Services

Table 108. GMB Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production
Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. GMB Recent Developments/Updates

Table 110. GMB Competitive Strengths & Weaknesses

Table 111. Hayden Automotive Basic Information, Manufacturing Base and Competitors

Table 112. Hayden Automotive Major Business

Table 113. Hayden Automotive Thermal Fan Clutch Product and Services

Table 114. Hayden Automotive Thermal Fan Clutch Production (K Units), Price
(USD/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 115. Hayden Automotive Recent Developments/Updates

Table 116. Hayden Automotive Competitive Strengths & Weaknesses

Table 117. Four Seasons Basic Information, Manufacturing Base and Competitors

Table 118. Four Seasons Major Business

Table 119. Four Seasons Thermal Fan Clutch Product and Services

Table 120. Four Seasons Thermal Fan Clutch Production (K Units), Price (USD/Unit),
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Four Seasons Recent Developments/Updates

Table 122. Four Seasons Competitive Strengths & Weaknesses

Table 123. US Motor Works Basic Information, Manufacturing Base and Competitors

Table 124. US Motor Works Major Business

Table 125. US Motor Works Thermal Fan Clutch Product and Services

Table 126. US Motor Works Thermal Fan Clutch Production (K Units), Price (USD/Unit),
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. US Motor Works Recent Developments/Updates

Table 128. US Motor Works Competitive Strengths & Weaknesses

Table 129. Dayco Basic Information, Manufacturing Base and Competitors
Table 130. Dayco Major Business
Table 131. Dayco Thermal Fan Clutch Product and Services
Table 132. Dayco Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Dayco Recent Developments/Updates
Table 134. Dayco Competitive Strengths & Weaknesses
Table 135. Cojali Basic Information, Manufacturing Base and Competitors
Table 136. Cojali Major Business
Table 137. Cojali Thermal Fan Clutch Product and Services
Table 138. Cojali Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Cojali Recent Developments/Updates
Table 140. Cojali Competitive Strengths & Weaknesses
Table 141. Nissens Basic Information, Manufacturing Base and Competitors
Table 142. Nissens Major Business
Table 143. Nissens Thermal Fan Clutch Product and Services
Table 144. Nissens Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Nissens Recent Developments/Updates
Table 146. Nissens Competitive Strengths & Weaknesses
Table 147. NRF Basic Information, Manufacturing Base and Competitors
Table 148. NRF Major Business
Table 149. NRF Thermal Fan Clutch Product and Services
Table 150. NRF Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. NRF Recent Developments/Updates
Table 152. NRF Competitive Strengths & Weaknesses
Table 153. Unicent Basic Information, Manufacturing Base and Competitors
Table 154. Unicent Major Business
Table 155. Unicent Thermal Fan Clutch Product and Services
Table 156. Unicent Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Unicent Recent Developments/Updates
Table 158. Unicent Competitive Strengths & Weaknesses
Table 159. Snow Dragon Group Basic Information, Manufacturing Base and Competitors
Table 160. Snow Dragon Group Major Business
Table 161. Snow Dragon Group Thermal Fan Clutch Product and Services

Table 162. Snow Dragon Group Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Snow Dragon Group Recent Developments/Updates

Table 164. Snow Dragon Group Competitive Strengths & Weaknesses

Table 165. Warner Shenglong Basic Information, Manufacturing Base and Competitors

Table 166. Warner Shenglong Major Business

Table 167. Warner Shenglong Thermal Fan Clutch Product and Services

Table 168. Warner Shenglong Thermal Fan Clutch Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Warner Shenglong Recent Developments/Updates

Table 170. Warner Shenglong Competitive Strengths & Weaknesses

Table 171. Global Key Players of Thermal Fan Clutch Upstream (Raw Materials)

Table 172. Global Thermal Fan Clutch Typical Customers

Table 173. Thermal Fan Clutch Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Thermal Fan Clutch Picture

Figure 2. World Thermal Fan Clutch Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Thermal Fan Clutch Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Thermal Fan Clutch Production (2021-2032) & (K Units)

Figure 5. World Thermal Fan Clutch Average Price (2021-2032) & (USD/Unit)

Figure 6. World Thermal Fan Clutch Production Value Market Share by Region (2021-2032)

Figure 7. World Thermal Fan Clutch Production Market Share by Region (2021-2032)

Figure 8. North America Thermal Fan Clutch Production (2021-2032) & (K Units)

Figure 9. Europe Thermal Fan Clutch Production (2021-2032) & (K Units)

Figure 10. China Thermal Fan Clutch Production (2021-2032) & (K Units)

Figure 11. Japan Thermal Fan Clutch Production (2021-2032) & (K Units)

Figure 12. Thermal Fan Clutch Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 15. World Thermal Fan Clutch Consumption Market Share by Region (2021-2032)

Figure 16. United States Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 17. China Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 18. Europe Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 19. Japan Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 20. South Korea Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 22. India Thermal Fan Clutch Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Thermal Fan Clutch by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Thermal Fan Clutch Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Thermal Fan Clutch Markets in 2025

Figure 26. United States VS China: Thermal Fan Clutch Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Thermal Fan Clutch Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Thermal Fan Clutch Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Thermal Fan Clutch Production Market Share 2025

Figure 30. China Based Manufacturers Thermal Fan Clutch Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Thermal Fan Clutch Production Market Share 2025

Figure 32. World Thermal Fan Clutch Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Thermal Fan Clutch Production Value Market Share by Type in 2025

Figure 34. Bimetal Thermostatic Fan Clutch

Figure 35. Electronically Controlled Viscous Fan Clutch

Figure 36. Electro-Pneumatic Fan Clutch

Figure 37. World Thermal Fan Clutch Production Market Share by Type (2021-2032)

Figure 38. World Thermal Fan Clutch Production Value Market Share by Type (2021-2032)

Figure 39. World Thermal Fan Clutch Average Price by Type (2021-2032) & (USD/Unit)

Figure 40. World Thermal Fan Clutch Production Value by Working Principle, (USD Million), 2021 & 2025 & 2032

Figure 41. World Thermal Fan Clutch Production Value Market Share by Working Principle in 2025

Figure 42. Viscous Fan Clutch

Figure 43. Friction Fan Clutch

Figure 44. Pneumatic Fan Clutch

Figure 45. Electromagnetic Fan Clutch

Figure 46. World Thermal Fan Clutch Production Market Share by Working Principle (2021-2032)

Figure 47. World Thermal Fan Clutch Production Value Market Share by Working Principle (2021-2032)

Figure 48. World Thermal Fan Clutch Average Price by Working Principle (2021-2032) & (USD/Unit)

Figure 49. World Thermal Fan Clutch Production Value by Working Medium, (USD Million), 2021 & 2025 & 2032

Figure 50. World Thermal Fan Clutch Production Value Market Share by Working Medium in 2025

Figure 51. Silicone Oil Fan Clutch

Figure 52. Dry Friction Fan Clutch

Figure 53. Air-Actuated Fan Clutch

Figure 54. World Thermal Fan Clutch Production Market Share by Working Medium (2021-2032)

Figure 55. World Thermal Fan Clutch Production Value Market Share by Working Medium (2021-2032)

Figure 56. World Thermal Fan Clutch Average Price by Working Medium (2021-2032) & (USD/Unit)

Figure 57. World Thermal Fan Clutch Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Thermal Fan Clutch Production Value Market Share by Application in 2025

Figure 59. Passenger Vehicles

Figure 60. Commercial Vehicles

Figure 61. World Thermal Fan Clutch Production Market Share by Application (2021-2032)

Figure 62. World Thermal Fan Clutch Production Value Market Share by Application (2021-2032)

Figure 63. World Thermal Fan Clutch Average Price by Application (2021-2032) & (USD/Unit)

Figure 64. Thermal Fan Clutch Industry Chain

Figure 65. Thermal Fan Clutch Procurement Model

Figure 66. Thermal Fan Clutch Sales Model

Figure 67. Thermal Fan Clutch Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

I would like to order

Product name: Global Thermal Fan Clutch Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G844380E07F0EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G844380E07F0EN.html>