

# Washer Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/W500ADB0E3E8EN.html>

Date: April 2022

Pages: 124

Price: US\$ 3,250.00 (Single User License)

ID: W500ADB0E3E8EN

## Abstracts

A washer is a thin plate (typically disk-shaped, but sometimes square) with a hole (typically in the middle) that is normally used to distribute the load of a threaded fastener, such as a bolt or nut. Other uses are as a spacer, spring (Belleville washer, wave washer), wear pad, preload indicating device, locking device, and to reduce vibration (rubber washer).

This report contains market size and forecasts of Washer in global, including the following market information:

Global Washer Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Washer Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Washer companies in 2021 (%)

The global Washer market was valued at 1878.3 million in 2021 and is projected to reach US\$ 2143.5 million by 2028, at a CAGR of 1.9% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Plain Washer Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Washer include W?rth, Bossard, Shanghai PMC, Nord-Lock, Fontana Gruppo, Schnorr, Growermetal, STANLEY and Ciser, etc. In 2021, the

global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Washer manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Washer Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Washer Market Segment Percentages, by Type, 2021 (%)

Plain Washer

Spring Washer

Locking Washer

Other

Global Washer Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Washer Market Segment Percentages, by Application, 2021 (%)

Automotive Industry

Electronics

Machinery Industry

Construction Industry

MRO

Others

Global Washer Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Washer Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Washer revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Washer revenues share in global market, 2021 (%)

Key companies Washer sales in global market, 2017-2022 (Estimated), (K MT)

Key companies Washer sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

W?rth

Bossard

Shanghai PMC

Nord-Lock

Fontana Gruppo

Schnorr

Growermetal

STANLEY

Ciser

MW Industries

PCC

LISI

HEICO

Gem-Year

Mubea

Aoyama Seisakusho

Araymond

ITW Shakeproof

TR Fastenings

Boltun Corporation

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Washer Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Washer Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL WASHER OVERALL MARKET SIZE**

- 2.1 Global Washer Market Size: 2021 VS 2028
- 2.2 Global Washer Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Washer Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Washer Players in Global Market
- 3.2 Top Global Washer Companies Ranked by Revenue
- 3.3 Global Washer Revenue by Companies
- 3.4 Global Washer Sales by Companies
- 3.5 Global Washer Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Washer Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Washer Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Washer Players in Global Market
  - 3.8.1 List of Global Tier 1 Washer Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Washer Companies

### **4 SIGHTS BY PRODUCT**

- 4.1 Overview
  - 4.1.1 By Type - Global Washer Market Size Markets, 2021 & 2028

- 4.1.2 Plain Washer
- 4.1.3 Spring Washer
- 4.1.4 Locking Washer
- 4.1.5 Other
- 4.2 By Type - Global Washer Revenue & Forecasts
  - 4.2.1 By Type - Global Washer Revenue, 2017-2022
  - 4.2.2 By Type - Global Washer Revenue, 2023-2028
  - 4.2.3 By Type - Global Washer Revenue Market Share, 2017-2028
- 4.3 By Type - Global Washer Sales & Forecasts
  - 4.3.1 By Type - Global Washer Sales, 2017-2022
  - 4.3.2 By Type - Global Washer Sales, 2023-2028
  - 4.3.3 By Type - Global Washer Sales Market Share, 2017-2028
- 4.4 By Type - Global Washer Price (Manufacturers Selling Prices), 2017-2028

## **5 SIGHTS BY APPLICATION**

- 5.1 Overview
  - 5.1.1 By Application - Global Washer Market Size, 2021 & 2028
  - 5.1.2 Automotive Industry
  - 5.1.3 Electronics
  - 5.1.4 Machinery Industry
  - 5.1.5 Construction Industry
  - 5.1.6 MRO
  - 5.1.7 Others
- 5.2 By Application - Global Washer Revenue & Forecasts
  - 5.2.1 By Application - Global Washer Revenue, 2017-2022
  - 5.2.2 By Application - Global Washer Revenue, 2023-2028
  - 5.2.3 By Application - Global Washer Revenue Market Share, 2017-2028
- 5.3 By Application - Global Washer Sales & Forecasts
  - 5.3.1 By Application - Global Washer Sales, 2017-2022
  - 5.3.2 By Application - Global Washer Sales, 2023-2028
  - 5.3.3 By Application - Global Washer Sales Market Share, 2017-2028
- 5.4 By Application - Global Washer Price (Manufacturers Selling Prices), 2017-2028

## **6 SIGHTS BY REGION**

- 6.1 By Region - Global Washer Market Size, 2021 & 2028
- 6.2 By Region - Global Washer Revenue & Forecasts
  - 6.2.1 By Region - Global Washer Revenue, 2017-2022



- 6.2.2 By Region - Global Washer Revenue, 2023-2028
- 6.2.3 By Region - Global Washer Revenue Market Share, 2017-2028
- 6.3 By Region - Global Washer Sales & Forecasts
  - 6.3.1 By Region - Global Washer Sales, 2017-2022
  - 6.3.2 By Region - Global Washer Sales, 2023-2028
  - 6.3.3 By Region - Global Washer Sales Market Share, 2017-2028
- 6.4 North America
  - 6.4.1 By Country - North America Washer Revenue, 2017-2028
  - 6.4.2 By Country - North America Washer Sales, 2017-2028
  - 6.4.3 US Washer Market Size, 2017-2028
  - 6.4.4 Canada Washer Market Size, 2017-2028
  - 6.4.5 Mexico Washer Market Size, 2017-2028
- 6.5 Europe
  - 6.5.1 By Country - Europe Washer Revenue, 2017-2028
  - 6.5.2 By Country - Europe Washer Sales, 2017-2028
  - 6.5.3 Germany Washer Market Size, 2017-2028
  - 6.5.4 France Washer Market Size, 2017-2028
  - 6.5.5 U.K. Washer Market Size, 2017-2028
  - 6.5.6 Italy Washer Market Size, 2017-2028
  - 6.5.7 Russia Washer Market Size, 2017-2028
  - 6.5.8 Nordic Countries Washer Market Size, 2017-2028
  - 6.5.9 Benelux Washer Market Size, 2017-2028
- 6.6 Asia
  - 6.6.1 By Region - Asia Washer Revenue, 2017-2028
  - 6.6.2 By Region - Asia Washer Sales, 2017-2028
  - 6.6.3 China Washer Market Size, 2017-2028
  - 6.6.4 Japan Washer Market Size, 2017-2028
  - 6.6.5 South Korea Washer Market Size, 2017-2028
  - 6.6.6 Southeast Asia Washer Market Size, 2017-2028
  - 6.6.7 India Washer Market Size, 2017-2028
- 6.7 South America
  - 6.7.1 By Country - South America Washer Revenue, 2017-2028
  - 6.7.2 By Country - South America Washer Sales, 2017-2028
  - 6.7.3 Brazil Washer Market Size, 2017-2028
  - 6.7.4 Argentina Washer Market Size, 2017-2028
- 6.8 Middle East & Africa
  - 6.8.1 By Country - Middle East & Africa Washer Revenue, 2017-2028
  - 6.8.2 By Country - Middle East & Africa Washer Sales, 2017-2028
  - 6.8.3 Turkey Washer Market Size, 2017-2028

6.8.4 Israel Washer Market Size, 2017-2028

6.8.5 Saudi Arabia Washer Market Size, 2017-2028

6.8.6 UAE Washer Market Size, 2017-2028

## **7 MANUFACTURERS & BRANDS PROFILES**

### 7.1 W?rth

7.1.1 W?rth Corporate Summary

7.1.2 W?rth Business Overview

7.1.3 W?rth Washer Major Product Offerings

7.1.4 W?rth Washer Sales and Revenue in Global (2017-2022)

7.1.5 W?rth Key News

### 7.2 Bossard

7.2.1 Bossard Corporate Summary

7.2.2 Bossard Business Overview

7.2.3 Bossard Washer Major Product Offerings

7.2.4 Bossard Washer Sales and Revenue in Global (2017-2022)

7.2.5 Bossard Key News

### 7.3 Shanghai PMC

7.3.1 Shanghai PMC Corporate Summary

7.3.2 Shanghai PMC Business Overview

7.3.3 Shanghai PMC Washer Major Product Offerings

7.3.4 Shanghai PMC Washer Sales and Revenue in Global (2017-2022)

7.3.5 Shanghai PMC Key News

### 7.4 Nord-Lock

7.4.1 Nord-Lock Corporate Summary

7.4.2 Nord-Lock Business Overview

7.4.3 Nord-Lock Washer Major Product Offerings

7.4.4 Nord-Lock Washer Sales and Revenue in Global (2017-2022)

7.4.5 Nord-Lock Key News

### 7.5 Fontana Gruppo

7.5.1 Fontana Gruppo Corporate Summary

7.5.2 Fontana Gruppo Business Overview

7.5.3 Fontana Gruppo Washer Major Product Offerings

7.5.4 Fontana Gruppo Washer Sales and Revenue in Global (2017-2022)

7.5.5 Fontana Gruppo Key News

### 7.6 Schnorr

7.6.1 Schnorr Corporate Summary

7.6.2 Schnorr Business Overview

- 7.6.3 Schnorr Washer Major Product Offerings
- 7.6.4 Schnorr Washer Sales and Revenue in Global (2017-2022)
- 7.6.5 Schnorr Key News
- 7.7 Growermetal
  - 7.7.1 Growermetal Corporate Summary
  - 7.7.2 Growermetal Business Overview
  - 7.7.3 Growermetal Washer Major Product Offerings
  - 7.7.4 Growermetal Washer Sales and Revenue in Global (2017-2022)
  - 7.7.5 Growermetal Key News
- 7.8 STANLEY
  - 7.8.1 STANLEY Corporate Summary
  - 7.8.2 STANLEY Business Overview
  - 7.8.3 STANLEY Washer Major Product Offerings
  - 7.8.4 STANLEY Washer Sales and Revenue in Global (2017-2022)
  - 7.8.5 STANLEY Key News
- 7.9 Ciser
  - 7.9.1 Ciser Corporate Summary
  - 7.9.2 Ciser Business Overview
  - 7.9.3 Ciser Washer Major Product Offerings
  - 7.9.4 Ciser Washer Sales and Revenue in Global (2017-2022)
  - 7.9.5 Ciser Key News
- 7.10 MW Industries
  - 7.10.1 MW Industries Corporate Summary
  - 7.10.2 MW Industries Business Overview
  - 7.10.3 MW Industries Washer Major Product Offerings
  - 7.10.4 MW Industries Washer Sales and Revenue in Global (2017-2022)
  - 7.10.5 MW Industries Key News
- 7.11 PCC
  - 7.11.1 PCC Corporate Summary
  - 7.11.2 PCC Washer Business Overview
  - 7.11.3 PCC Washer Major Product Offerings
  - 7.11.4 PCC Washer Sales and Revenue in Global (2017-2022)
  - 7.11.5 PCC Key News
- 7.12 LISI
  - 7.12.1 LISI Corporate Summary
  - 7.12.2 LISI Washer Business Overview
  - 7.12.3 LISI Washer Major Product Offerings
  - 7.12.4 LISI Washer Sales and Revenue in Global (2017-2022)
  - 7.12.5 LISI Key News

## 7.13 HEICO

7.13.1 HEICO Corporate Summary

7.13.2 HEICO Washer Business Overview

7.13.3 HEICO Washer Major Product Offerings

7.13.4 HEICO Washer Sales and Revenue in Global (2017-2022)

7.13.5 HEICO Key News

## 7.14 Gem-Year

7.14.1 Gem-Year Corporate Summary

7.14.2 Gem-Year Business Overview

7.14.3 Gem-Year Washer Major Product Offerings

7.14.4 Gem-Year Washer Sales and Revenue in Global (2017-2022)

7.14.5 Gem-Year Key News

## 7.15 Mubea

7.15.1 Mubea Corporate Summary

7.15.2 Mubea Business Overview

7.15.3 Mubea Washer Major Product Offerings

7.15.4 Mubea Washer Sales and Revenue in Global (2017-2022)

7.15.5 Mubea Key News

## 7.16 Aoyama Seisakusho

7.16.1 Aoyama Seisakusho Corporate Summary

7.16.2 Aoyama Seisakusho Business Overview

7.16.3 Aoyama Seisakusho Washer Major Product Offerings

7.16.4 Aoyama Seisakusho Washer Sales and Revenue in Global (2017-2022)

7.16.5 Aoyama Seisakusho Key News

## 7.17 Araymond

7.17.1 Araymond Corporate Summary

7.17.2 Araymond Business Overview

7.17.3 Araymond Washer Major Product Offerings

7.17.4 Araymond Washer Sales and Revenue in Global (2017-2022)

7.17.5 Araymond Key News

## 7.18 ITW Shakeproof

7.18.1 ITW Shakeproof Corporate Summary

7.18.2 ITW Shakeproof Business Overview

7.18.3 ITW Shakeproof Washer Major Product Offerings

7.18.4 ITW Shakeproof Washer Sales and Revenue in Global (2017-2022)

7.18.5 ITW Shakeproof Key News

## 7.19 TR Fastenings

7.19.1 TR Fastenings Corporate Summary

7.19.2 TR Fastenings Business Overview

7.19.3 TR Fastenings Washer Major Product Offerings

7.19.4 TR Fastenings Washer Sales and Revenue in Global (2017-2022)

7.19.5 TR Fastenings Key News

7.20 Boltun Corporation

7.20.1 Boltun Corporation Corporate Summary

7.20.2 Boltun Corporation Business Overview

7.20.3 Boltun Corporation Washer Major Product Offerings

7.20.4 Boltun Corporation Washer Sales and Revenue in Global (2017-2022)

7.20.5 Boltun Corporation Key News

## **8 GLOBAL WASHER PRODUCTION CAPACITY, ANALYSIS**

8.1 Global Washer Production Capacity, 2017-2028

8.2 Washer Production Capacity of Key Manufacturers in Global Market

8.3 Global Washer Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

## **10 WASHER SUPPLY CHAIN ANALYSIS**

10.1 Washer Industry Value Chain

10.2 Washer Upstream Market

10.3 Washer Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Washer Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Key Players of Washer in Global Market
- Table 2. Top Washer Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Washer Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Washer Revenue Share by Companies, 2017-2022
- Table 5. Global Washer Sales by Companies, (K MT), 2017-2022
- Table 6. Global Washer Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Washer Price (2017-2022) & (USD/MT)
- Table 8. Global Manufacturers Washer Product Type
- Table 9. List of Global Tier 1 Washer Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Washer Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Washer Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global Washer Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global Washer Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global Washer Sales (K MT), 2017-2022
- Table 15. By Type - Global Washer Sales (K MT), 2023-2028
- Table 16. By Application – Global Washer Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global Washer Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global Washer Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global Washer Sales (K MT), 2017-2022
- Table 20. By Application - Global Washer Sales (K MT), 2023-2028
- Table 21. By Region – Global Washer Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global Washer Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global Washer Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global Washer Sales (K MT), 2017-2022
- Table 25. By Region - Global Washer Sales (K MT), 2023-2028
- Table 26. By Country - North America Washer Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America Washer Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country - North America Washer Sales, (K MT), 2017-2022
- Table 29. By Country - North America Washer Sales, (K MT), 2023-2028
- Table 30. By Country - Europe Washer Revenue, (US\$, Mn), 2017-2022
- Table 31. By Country - Europe Washer Revenue, (US\$, Mn), 2023-2028
- Table 32. By Country - Europe Washer Sales, (K MT), 2017-2022
- Table 33. By Country - Europe Washer Sales, (K MT), 2023-2028

- Table 34. By Region - Asia Washer Revenue, (US\$, Mn), 2017-2022
- Table 35. By Region - Asia Washer Revenue, (US\$, Mn), 2023-2028
- Table 36. By Region - Asia Washer Sales, (K MT), 2017-2022
- Table 37. By Region - Asia Washer Sales, (K MT), 2023-2028
- Table 38. By Country - South America Washer Revenue, (US\$, Mn), 2017-2022
- Table 39. By Country - South America Washer Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country - South America Washer Sales, (K MT), 2017-2022
- Table 41. By Country - South America Washer Sales, (K MT), 2023-2028
- Table 42. By Country - Middle East & Africa Washer Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country - Middle East & Africa Washer Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country - Middle East & Africa Washer Sales, (K MT), 2017-2022
- Table 45. By Country - Middle East & Africa Washer Sales, (K MT), 2023-2028
- Table 46. W?rth Corporate Summary
- Table 47. W?rth Washer Product Offerings
- Table 48. W?rth Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
- Table 49. Bossard Corporate Summary
- Table 50. Bossard Washer Product Offerings
- Table 51. Bossard Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
- Table 52. Shanghai PMC Corporate Summary
- Table 53. Shanghai PMC Washer Product Offerings
- Table 54. Shanghai PMC Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
- Table 55. Nord-Lock Corporate Summary
- Table 56. Nord-Lock Washer Product Offerings
- Table 57. Nord-Lock Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
- Table 58. Fontana Gruppo Corporate Summary
- Table 59. Fontana Gruppo Washer Product Offerings
- Table 60. Fontana Gruppo Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
- Table 61. Schnorr Corporate Summary
- Table 62. Schnorr Washer Product Offerings
- Table 63. Schnorr Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)
- Table 64. Growermetal Corporate Summary
- Table 65. Growermetal Washer Product Offerings
- Table 66. Growermetal Washer Sales (K MT), Revenue (US\$, Mn) and Average Price

(USD/MT) (2017-2022)

Table 67. STANLEY Corporate Summary

Table 68. STANLEY Washer Product Offerings

Table 69. STANLEY Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 70. Ciser Corporate Summary

Table 71. Ciser Washer Product Offerings

Table 72. Ciser Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 73. MW Industries Corporate Summary

Table 74. MW Industries Washer Product Offerings

Table 75. MW Industries Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 76. PCC Corporate Summary

Table 77. PCC Washer Product Offerings

Table 78. PCC Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 79. LISI Corporate Summary

Table 80. LISI Washer Product Offerings

Table 81. LISI Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 82. HEICO Corporate Summary

Table 83. HEICO Washer Product Offerings

Table 84. HEICO Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 85. Gem-Year Corporate Summary

Table 86. Gem-Year Washer Product Offerings

Table 87. Gem-Year Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 88. Mubea Corporate Summary

Table 89. Mubea Washer Product Offerings

Table 90. Mubea Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 91. Aoyama Seisakusho Corporate Summary

Table 92. Aoyama Seisakusho Washer Product Offerings

Table 93. Aoyama Seisakusho Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 94. Araymond Corporate Summary

Table 95. Araymond Washer Product Offerings



Table 96. Araymond Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 97. ITW Shakeproof Corporate Summary

Table 98. ITW Shakeproof Washer Product Offerings

Table 99. ITW Shakeproof Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 100. TR Fastenings Corporate Summary

Table 101. TR Fastenings Washer Product Offerings

Table 102. TR Fastenings Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 103. Boltun Corporation Corporate Summary

Table 104. Boltun Corporation Washer Product Offerings

Table 105. Boltun Corporation Washer Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 106. Washer Production Capacity (K MT) of Key Manufacturers in Global Market, 2020-2022 (K MT)

Table 107. Global Washer Capacity Market Share of Key Manufacturers, 2020-2022

Table 108. Global Washer Production by Region, 2017-2022 (K MT)

Table 109. Global Washer Production by Region, 2023-2028 (K MT)

Table 110. Washer Market Opportunities & Trends in Global Market

Table 111. Washer Market Drivers in Global Market

Table 112. Washer Market Restraints in Global Market

Table 113. Washer Raw Materials

Table 114. Washer Raw Materials Suppliers in Global Market

Table 115. Typical Washer Downstream

Table 116. Washer Downstream Clients in Global Market

Table 117. Washer Distributors and Sales Agents in Global Market

## List Of Figures

### LIST OF FIGURES

- Figure 1. Washer Segment by Type
- Figure 2. Washer Segment by Application
- Figure 3. Global Washer Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Washer Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Washer Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Washer Sales in Global Market: 2017-2028 (K MT)
- Figure 8. The Top 3 and 5 Players Market Share by Washer Revenue in 2021
- Figure 9. By Type - Global Washer Sales Market Share, 2017-2028
- Figure 10. By Type - Global Washer Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Washer Price (USD/MT), 2017-2028
- Figure 12. By Application - Global Washer Sales Market Share, 2017-2028
- Figure 13. By Application - Global Washer Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Washer Price (USD/MT), 2017-2028
- Figure 15. By Region - Global Washer Sales Market Share, 2017-2028
- Figure 16. By Region - Global Washer Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Washer Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Washer Sales Market Share, 2017-2028
- Figure 19. US Washer Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Washer Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Washer Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Washer Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Washer Sales Market Share, 2017-2028
- Figure 24. Germany Washer Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Washer Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Washer Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Washer Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Washer Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Washer Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Washer Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Washer Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Washer Sales Market Share, 2017-2028
- Figure 33. China Washer Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Washer Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Washer Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Washer Revenue, (US\$, Mn), 2017-2028

Figure 37. India Washer Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Washer Revenue Market Share, 2017-2028

Figure 39. By Country - South America Washer Sales Market Share, 2017-2028

Figure 40. Brazil Washer Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Washer Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Washer Revenue Market Share,  
2017-2028

Figure 43. By Country - Middle East & Africa Washer Sales Market Share, 2017-2028

Figure 44. Turkey Washer Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Washer Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Washer Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Washer Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Washer Production Capacity (K MT), 2017-2028

Figure 49. The Percentage of Production Washer by Region, 2021 VS 2028

Figure 50. Washer Industry Value Chain

Figure 51. Marketing Channels

## I would like to order

Product name: Washer Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/W500ADB0E3E8EN.html>

Price: US\$ 3,250.00 (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/W500ADB0E3E8EN.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