

Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Shape Memory Alloys Market 2017 Forecast to 2022

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Abstracts

A shape memory alloy (SMA) is an alloy that 'remembers' its original shape and that when deformed returns to its pre-deformed shape when heated. This material is a lightweight, solid-state alternative to conventional actuators such as hydraulic, pneumatic, and motor-based systems. Shape-memory alloys have applications in industries including Automotive, aerospace, and biomedical and robotics. Nickel-titanium alloys have been found to be the most useful of all SMAs. Other shape memory alloys include copper-aluminum-nickel, copper-zinc-aluminum, and iron-manganese-silicon alloys. The generic name for the family of nickel-titanium alloys is Nitinol.

Scope of the Report:

This report focuses on the Shape Memory Alloys in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

Nitinol Devices & Components

SAES Getters

G.RAU GmbH & Co. KG

ATI Wah-chang

Johnson Matthey

Fort Wayne Metals

Furukawa Electric

Nippon Steel & Sumitomo Metal

Nippon Seisen

Metalwerks PMD

Ultimate NiTi Technologies

Dynalloy

Grikin

PEIER Tech

Saite Metal

Smart

Baoji Seabird Metal

GEE

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Nickel-Titanium (Ni-Ti)

Copper Based

Fe-Manganese-Silicon

Other Type

Market Segment by Applications, can be divided into

Medical applications

Aircraft Applications

Automotive

Home Appliance

There are 15 Chapters to deeply display the global Shape Memory Alloys market.

Chapter 1, to describe Shape Memory Alloys Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Shape Memory Alloys, with sales, revenue, and price of Shape Memory Alloys, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Shape Memory Alloys, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Shape Memory Alloys Mar...

by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Shape Memory Alloys market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Shape Memory Alloys sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Shape Memory Alloys Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Nickel-Titanium (Ni-Ti)
 - 1.2.2 Copper Based
 - 1.2.3 Fe-Manganese-Silicon
 - 1.2.4 Other Type
- 1.3 Market Analysis by Applications
 - 1.3.1 Medical applications
 - 1.3.2 Aircraft Applications
 - 1.3.3 Automotive
 - 1.3.4 Home Appliance
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (USA, Canada and Mexico)
 - 1.4.1.1 USA Market States and Outlook (2012-2022)
 - 1.4.1.2 Canada Market States and Outlook (2012-2022)
 - 1.4.1.3 Mexico Market States and Outlook (2012-2022)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2012-2022)
 - 1.4.2.2 France Market States and Outlook (2012-2022)
 - 1.4.2.3 UK Market States and Outlook (2012-2022)
 - 1.4.2.4 Russia Market States and Outlook (2012-2022)
 - 1.4.2.5 Italy Market States and Outlook (2012-2022)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2012-2022)
 - 1.4.3.2 Japan Market States and Outlook (2012-2022)
 - 1.4.3.3 Korea Market States and Outlook (2012-2022)
 - 1.4.3.4 India Market States and Outlook (2012-2022)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2012-2022)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2012-2022)
 - 1.4.4.2 Egypt Market States and Outlook (2012-2022)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2012-2022)
 - 1.4.4.4 South Africa Market States and Outlook (2012-2022)
 - 1.4.4.5 Nigeria Market States and Outlook (2012-2022)
- 1.5 Market Dynamics

- 1.5.1 Market Opportunities
- 1.5.2 Market Risk
- 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Nitinol Devices & Components

2.1.1 Business Overview

2.1.2 Shape Memory Alloys Type and Applications

2.1.2.1 Type

2.1.2.2 Type

2.1.3 Nitinol Devices & Components Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2 SAES Getters

2.2.1 Business Overview

2.2.2 Shape Memory Alloys Type and Applications

2.2.2.1 Type

2.2.2.2 Type

2.2.3 SAES Getters Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3 G.RAU GmbH & Co. KG

2.3.1 Business Overview

2.3.2 Shape Memory Alloys Type and Applications

2.3.2.1 Type

2.3.2.2 Type

2.3.3 G.RAU GmbH & Co. KG Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4 ATI Wah-chang

2.4.1 Business Overview

2.4.2 Shape Memory Alloys Type and Applications

2.4.2.1 Type

2.4.2.2 Type

2.4.3 ATI Wah-chang Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5 Johnson Matthey

2.5.1 Business Overview

2.5.2 Shape Memory Alloys Type and Applications

2.5.2.1 Type

2.5.2.2 Type

2.5.3 Johnson Matthey Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6 Fort Wayne Metals

2.6.1 Business Overview

2.6.2 Shape Memory Alloys Type and Applications

2.6.2.1 Type

2.6.2.2 Type

2.6.3 Fort Wayne Metals Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7 Furukawa Electric

2.7.1 Business Overview

2.7.2 Shape Memory Alloys Type and Applications

2.7.2.1 Type

2.7.2.2 Type

2.7.3 Furukawa Electric Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8 Nippon Steel & Sumitomo Metal

2.8.1 Business Overview

2.8.2 Shape Memory Alloys Type and Applications

2.8.2.1 Type

2.8.2.2 Type

2.8.3 Nippon Steel & Sumitomo Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9 Nippon Seisen

2.9.1 Business Overview

2.9.2 Shape Memory Alloys Type and Applications

2.9.2.1 Type

2.9.2.2 Type

2.9.3 Nippon Seisen Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10 Metalwerks PMD

2.10.1 Business Overview

2.10.2 Shape Memory Alloys Type and Applications

2.10.2.1 Type

2.10.2.2 Type

2.10.3 Metalwerks PMD Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.11 Ultimate NiTi Technologies

2.11.1 Business Overview

- 2.11.2 Shape Memory Alloys Type and Applications
 - 2.11.2.1 Type
 - 2.11.2.2 Type
- 2.11.3 Ultimate NiTi Technologies Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 Dynalloy
 - 2.12.1 Business Overview
 - 2.12.2 Shape Memory Alloys Type and Applications
 - 2.12.2.1 Type
 - 2.12.2.2 Type
 - 2.12.3 Dynalloy Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.13 Grikin
 - 2.13.1 Business Overview
 - 2.13.2 Shape Memory Alloys Type and Applications
 - 2.13.2.1 Type
 - 2.13.2.2 Type
 - 2.13.3 Grikin Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.14 PEIER Tech
 - 2.14.1 Business Overview
 - 2.14.2 Shape Memory Alloys Type and Applications
 - 2.14.2.1 Type
 - 2.14.2.2 Type
 - 2.14.3 PEIER Tech Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.15 Saite Metal
 - 2.15.1 Business Overview
 - 2.15.2 Shape Memory Alloys Type and Applications
 - 2.15.2.1 Type
 - 2.15.2.2 Type
 - 2.15.3 Saite Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.16 Smart
 - 2.16.1 Business Overview
 - 2.16.2 Shape Memory Alloys Type and Applications
 - 2.16.2.1 Type
 - 2.16.2.2 Type
 - 2.16.3 Smart Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market

Share (2016-2017)

2.17 Baoji Seabird Metal

2.17.1 Business Overview

2.17.2 Shape Memory Alloys Type and Applications

2.17.2.1 Type

2.17.2.2 Type

2.17.3 Baoji Seabird Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.18 GEE

2.18.1 Business Overview

2.18.2 Shape Memory Alloys Type and Applications

2.18.2.1 Type

2.18.2.2 Type

2.18.3 GEE Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL SHAPE MEMORY ALLOYS MARKET COMPETITION, BY MANUFACTURER

3.1 Global Shape Memory Alloys Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Shape Memory Alloys Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Shape Memory Alloys Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Shape Memory Alloys Manufacturer Market Share

3.4.2 Top 5 Shape Memory Alloys Manufacturer Market Share

3.5 Market Competition Trend

4 GLOBAL SHAPE MEMORY ALLOYS MARKET ANALYSIS BY REGIONS

4.1 Global Shape Memory Alloys Sales, Revenue and Market Share by Regions

4.1.1 Global Shape Memory Alloys Sales by Regions (2012-2017)

4.1.2 Global Shape Memory Alloys Revenue by Regions (2012-2017)

4.2 North America Shape Memory Alloys Sales and Growth (2012-2017)

4.3 Europe Shape Memory Alloys Sales and Growth (2012-2017)

4.4 Asia-Pacific Shape Memory Alloys Sales and Growth (2012-2017)

4.5 South America Shape Memory Alloys Sales and Growth (2012-2017)

4.6 Middle East and Africa Shape Memory Alloys Sales and Growth (2012-2017)

5 NORTH AMERICA SHAPE MEMORY ALLOYS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

5.1 North America Shape Memory Alloys Sales, Revenue and Market Share by Countries

5.1.1 North America Shape Memory Alloys Sales by Countries (2012-2017)

5.1.2 North America Shape Memory Alloys Revenue by Countries (2012-2017)

5.1.3 USA Shape Memory Alloys Sales and Growth (2012-2017)

5.1.4 Canada Shape Memory Alloys Sales and Growth (2012-2017)

5.1.5 Mexico Shape Memory Alloys Sales and Growth (2012-2017)

5.2 North America Shape Memory Alloys Sales and Revenue (value) by Manufacturers (2016-2017)

5.2.1 North America Shape Memory Alloys Sales by Manufacturers (2016-2017)

5.2.2 North America Shape Memory Alloys Revenue by Manufacturers (2016-2017)

5.3 North America Shape Memory Alloys Sales by Type (2012-2017)

5.4 North America Shape Memory Alloys Sales by Application (2012-2017)

6 EUROPE SHAPE MEMORY ALLOYS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Shape Memory Alloys Sales, Revenue and Market Share by Countries

6.1.1 Europe Shape Memory Alloys Sales by Countries (2012-2017)

6.1.2 Europe Shape Memory Alloys Revenue by Countries (2012-2017)

6.1.3 Germany Shape Memory Alloys Sales and Growth (2012-2017)

6.1.4 UK Shape Memory Alloys Sales and Growth (2012-2017)

6.1.5 France Shape Memory Alloys Sales and Growth (2012-2017)

6.1.6 Russia Shape Memory Alloys Sales and Growth (2012-2017)

6.1.7 Italy Shape Memory Alloys Sales and Growth (2012-2017)

6.2 Europe Shape Memory Alloys Sales and Revenue (value) by Manufacturers (2016-2017)

6.2.1 Europe Shape Memory Alloys Sales by Manufacturers (2016-2017)

6.2.2 Europe Shape Memory Alloys Revenue by Manufacturers (2016-2017)

6.3 Europe Shape Memory Alloys Sales by Type (2012-2017)

6.4 Europe Shape Memory Alloys Sales by Application (2012-2017)

7 ASIA-PACIFIC SHAPE MEMORY ALLOYS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Shape Memory Alloys Sales, Revenue and Market Share by Countries

- 7.1.1 Asia-Pacific Shape Memory Alloys Sales by Countries (2012-2017)
- 7.1.2 Asia-Pacific Shape Memory Alloys Revenue by Countries (2012-2017)
- 7.1.3 China Shape Memory Alloys Sales and Growth (2012-2017)
- 7.1.4 Japan Shape Memory Alloys Sales and Growth (2012-2017)
- 7.1.5 Korea Shape Memory Alloys Sales and Growth (2012-2017)
- 7.1.6 India Shape Memory Alloys Sales and Growth (2012-2017)
- 7.1.7 Southeast Asia Shape Memory Alloys Sales and Growth (2012-2017)
- 7.2 Asia-Pacific Shape Memory Alloys Sales and Revenue (value) by Manufacturers (2016-2017)
 - 7.2.1 Asia-Pacific Shape Memory Alloys Sales by Manufacturers (2016-2017)
 - 7.2.2 Asia-Pacific Shape Memory Alloys Revenue by Manufacturers (2016-2017)
- 7.3 Asia-Pacific Shape Memory Alloys Sales by Type (2012-2017)
- 7.4 Asia-Pacific Shape Memory Alloys Sales by Application (2012-2017)

8 SOUTH AMERICA SHAPE MEMORY ALLOYS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 8.1 South America Shape Memory Alloys Sales, Revenue and Market Share by Countries
 - 8.1.1 South America Shape Memory Alloys Sales by Countries (2012-2017)
 - 8.1.2 South America Shape Memory Alloys Revenue by Countries (2012-2017)
 - 8.1.3 Brazil Shape Memory Alloys Sales and Growth (2012-2017)
 - 8.1.4 Argentina Shape Memory Alloys Sales and Growth (2012-2017)
 - 8.1.5 Columbia Shape Memory Alloys Sales and Growth (2012-2017)
- 8.2 South America Shape Memory Alloys Sales and Revenue (value) by Manufacturers (2016-2017)
 - 8.2.1 South America Shape Memory Alloys Sales by Manufacturers (2016-2017)
 - 8.2.2 South America Shape Memory Alloys Revenue by Manufacturers (2016-2017)
- 8.3 South America Shape Memory Alloys Sales by Type (2012-2017)
- 8.4 South America Shape Memory Alloys Sales by Application (2012-2017)

9 MIDDLE EAST AND AFRICA SHAPE MEMORY ALLOYS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Middle East and Africa Shape Memory Alloys Sales, Revenue and Market Share by Countries
 - 9.1.1 Middle East and Africa Shape Memory Alloys Sales by Countries (2012-2017)
 - 9.1.2 Middle East and Africa Shape Memory Alloys Revenue by Countries (2012-2017)
 - 9.1.3 Saudi Arabia Shape Memory Alloys Sales and Growth (2012-2017)

- 9.1.4 UAE Shape Memory Alloys Sales and Growth (2012-2017)
- 9.1.5 Egypt Shape Memory Alloys Sales and Growth (2012-2017)
- 9.1.6 Nigeria Shape Memory Alloys Sales and Growth (2012-2017)
- 9.1.7 South Africa Shape Memory Alloys Sales and Growth (2012-2017)
- 9.2 Middle East and Africa Shape Memory Alloys Sales and Revenue (value) by Manufacturers (2016-2017)
 - 9.2.1 Middle East and Africa Shape Memory Alloys Sales by Manufacturers (2016-2017)
 - 9.2.2 Middle East and Africa Shape Memory Alloys Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Shape Memory Alloys Sales by Type (2012-2017)
- 9.4 Middle East and Africa Shape Memory Alloys Sales by Application (2012-2017)

10 GLOBAL SHAPE MEMORY ALLOYS MARKET SEGMENT BY TYPE

- 10.1 Global Shape Memory Alloys Sales, Revenue and Market Share by Type (2012-2017)
 - 10.1.1 Global Shape Memory Alloys Sales and Market Share by Type (2012-2017)
 - 10.1.2 Global Shape Memory Alloys Revenue and Market Share by Type (2012-2017)
- 10.2 Nickel-Titanium (Ni-Ti) Sales Growth and Price
 - 10.2.1 Global Nickel-Titanium (Ni-Ti) Sales Growth (2012-2017)
 - 10.2.2 Global Nickel-Titanium (Ni-Ti) Price (2012-2017)
- 10.3 Copper Based Sales Growth and Price
 - 10.3.1 Global Copper Based Sales Growth (2012-2017)
 - 10.3.2 Global Copper Based Price (2012-2017)
- 10.4 Fe-Manganese-Silicon Sales Growth and Price
 - 10.4.1 Global Fe-Manganese-Silicon Sales Growth (2012-2017)
 - 10.4.2 Global Fe-Manganese-Silicon Price (2012-2017)
- 10.5 Other Type Sales Growth and Price
 - 10.5.1 Global Other Type Sales Growth (2012-2017)
 - 10.5.2 Global Other Type Price (2012-2017)

11 GLOBAL SHAPE MEMORY ALLOYS MARKET SEGMENT BY APPLICATION

- 11.1 Global Shape Memory Alloys Sales Market Share by Application (2012-2017)
- 11.2 Medical applications Sales Growth (2012-2017)
- 11.3 Aircraft Applications Sales Growth (2012-2017)
- 11.4 Automotive Sales Growth (2012-2017)
- 11.5 Home Appliance Sales Growth (2012-2017)

12 SHAPE MEMORY ALLOYS MARKET FORECAST (2017-2022)

- 12.1 Global Shape Memory Alloys Sales, Revenue and Growth Rate (2017-2022)
- 12.2 Shape Memory Alloys Market Forecast by Regions (2017-2022)
 - 12.2.1 North America Shape Memory Alloys Market Forecast (2017-2022)
 - 12.2.2 Europe Shape Memory Alloys Market Forecast (2017-2022)
 - 12.2.3 Asia-Pacific Shape Memory Alloys Market Forecast (2017-2022)
 - 12.2.4 South America Shape Memory Alloys Market Forecast (2017-2022)
 - 12.2.5 Middle East and Africa Shape Memory Alloys Market Forecast (2017-2022)
- 12.3 Shape Memory Alloys Market Forecast by Type (2017-2022)
- 12.4 Shape Memory Alloys Market Forecast by Application (2017-2022)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

- 15.1 Methodology
- 15.2 Analyst Introduction
- 15.3 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Shape Memory Alloys Picture

Table Product Specifications of Shape Memory Alloys

Figure Global Sales Market Share of Shape Memory Alloys by Types in 2016

Table Shape Memory Alloys Types for Major Manufacturers

Figure Nickel-Titanium (Ni-Ti) Picture

Figure Copper Based Picture

Figure Fe-Manganese-Silicon Picture

Figure Other Type Picture

Table Shape Memory Alloys Sales Market Share by Applications in 2016

Figure Medical applications Picture

Figure Aircraft Applications Picture

Figure Automotive Picture

Figure Home Appliance Picture

Figure USA Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Canada Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Mexico Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Germany Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure France Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure UK Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Russia Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Italy Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure China Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Japan Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Korea Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure India Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Southeast Asia Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Brazil Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Egypt Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Saudi Arabia Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure South Africa Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Figure Nigeria Shape Memory Alloys Revenue (Value) and Growth Rate (2012-2022)

Table Nitinol Devices & Components Basic Information, Manufacturing Base and Competitors

Table Nitinol Devices & Components Shape Memory Alloys Type and Applications

Table Nitinol Devices & Components Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table SAES Getters Basic Information, Manufacturing Base and Competitors

Table SAES Getters Shape Memory Alloys Type and Applications

Table SAES Getters Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table G.RAU GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table G.RAU GmbH & Co. KG Shape Memory Alloys Type and Applications

Table G.RAU GmbH & Co. KG Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table ATI Wah-chang Basic Information, Manufacturing Base and Competitors

Table ATI Wah-chang Shape Memory Alloys Type and Applications

Table ATI Wah-chang Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table Johnson Matthey Shape Memory Alloys Type and Applications

Table Johnson Matthey Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Fort Wayne Metals Basic Information, Manufacturing Base and Competitors

Table Fort Wayne Metals Shape Memory Alloys Type and Applications

Table Fort Wayne Metals Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Furukawa Electric Basic Information, Manufacturing Base and Competitors

Table Furukawa Electric Shape Memory Alloys Type and Applications

Table Furukawa Electric Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Nippon Steel & Sumitomo Metal Basic Information, Manufacturing Base and Competitors

Table Nippon Steel & Sumitomo Metal Shape Memory Alloys Type and Applications

Table Nippon Steel & Sumitomo Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Nippon Seisen Basic Information, Manufacturing Base and Competitors

Table Nippon Seisen Shape Memory Alloys Type and Applications

Table Nippon Seisen Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Metalwerks PMD Basic Information, Manufacturing Base and Competitors

Table Metalwerks PMD Shape Memory Alloys Type and Applications

Table Metalwerks PMD Shape Memory Alloys Sales, Price, Revenue, Gross Margin

and Market Share (2016-2017)

Table Ultimate NiTi Technologies Basic Information, Manufacturing Base and Competitors

Table Ultimate NiTi Technologies Shape Memory Alloys Type and Applications

Table Ultimate NiTi Technologies Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Dynalloy Basic Information, Manufacturing Base and Competitors

Table Dynalloy Shape Memory Alloys Type and Applications

Table Dynalloy Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Grikin Basic Information, Manufacturing Base and Competitors

Table Grikin Shape Memory Alloys Type and Applications

Table Grikin Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table PEIER Tech Basic Information, Manufacturing Base and Competitors

Table PEIER Tech Shape Memory Alloys Type and Applications

Table PEIER Tech Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Saite Metal Basic Information, Manufacturing Base and Competitors

Table Saite Metal Shape Memory Alloys Type and Applications

Table Saite Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Smart Basic Information, Manufacturing Base and Competitors

Table Smart Shape Memory Alloys Type and Applications

Table Smart Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Baoji Seabird Metal Basic Information, Manufacturing Base and Competitors

Table Baoji Seabird Metal Shape Memory Alloys Type and Applications

Table Baoji Seabird Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table GEE Basic Information, Manufacturing Base and Competitors

Table GEE Shape Memory Alloys Type and Applications

Table GEE Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Global Shape Memory Alloys Sales by Manufacturer (2016-2017)

Figure Global Shape Memory Alloys Sales Market Share by Manufacturer in 2016

Figure Global Shape Memory Alloys Sales Market Share by Manufacturer in 2017

Table Global Shape Memory Alloys Revenue by Manufacturer (2016-2017)

Figure Global Shape Memory Alloys Revenue Market Share by Manufacturer in 2016

Figure Global Shape Memory Alloys Revenue Market Share by Manufacturer in 2017

Table Global Shape Memory Alloys Price by Manufacturer (2016-2017)

Figure Global Shape Memory Alloys Sales and Growth (2012-2017)

Figure Global Shape Memory Alloys Revenue and Growth (2012-2017)

Table Global Shape Memory Alloys Sales by Regions (2012-2017)

Table Global Shape Memory Alloys Sales Market Share by Regions (2012-2017)

Table Global Shape Memory Alloys Revenue by Regions (2012-2017)

Figure Global Shape Memory Alloys Revenue Market Share by Regions in 2012

Figure Global Shape Memory Alloys Revenue Market Share by Regions in 2016

Figure North America Shape Memory Alloys Sales and Growth (2012-2017)

Figure Europe Shape Memory Alloys Sales and Growth (2012-2017)

Figure Asia-Pacific Shape Memory Alloys Sales and Growth (2012-2017)

Figure South America Shape Memory Alloys Sales and Growth (2012-2017)

Figure Middle East and Africa Shape Memory Alloys Sales and Growth (2012-2017)

Figure North America Shape Memory Alloys Revenue and Growth (2012-2017)

Table North America Shape Memory Alloys Sales by Countries (2012-2017)

Table North America Shape Memory Alloys Sales Market Share by Countries
(2012-2017)

Figure North America Shape Memory Alloys Sales Market Share by Countries in 2012

Figure North America Shape Memory Alloys Sales Market Share by Countries in 2016

Table North America Shape Memory Alloys Revenue by Countries (2012-2017)

Table North America Shape Memory Alloys Revenue Market Share by Countries
(2012-2017)

Figure North America Shape Memory Alloys Revenue Market Share by Countries in
2012

Figure North America Shape Memory Alloys Revenue Market Share by Countries in
2016

Figure USA Shape Memory Alloys Sales and Growth (2012-2017)

Figure Canada Shape Memory Alloys Sales and Growth (2012-2017)

Figure Mexico Shape Memory Alloys Sales and Growth (2012-2017)

Table North America Shape Memory Alloys Sales by Manufacturer (2016-2017)

Figure North America Shape Memory Alloys Sales Market Share by Manufacturer in
2016

Figure North America Shape Memory Alloys Sales Market Share by Manufacturer in
2017

Table North America Shape Memory Alloys Revenue by Manufacturer (2016-2017)

Figure North America Shape Memory Alloys Revenue Market Share by Manufacturer in
2016

Figure North America Shape Memory Alloys Revenue Market Share by Manufacturer in

2017

Table North America Shape Memory Alloys Sales by Type (2012-2017)

Table North America Shape Memory Alloys Sales Share by Type (2012-2017)

Table North America Shape Memory Alloys Sales by Application (2012-2017)

Table North America Shape Memory Alloys Sales Share by Application (2012-2017)

Figure Europe Shape Memory Alloys Revenue and Growth (2012-2017)

Table Europe Shape Memory Alloys Sales by Countries (2012-2017)

Table Europe Shape Memory Alloys Sales Market Share by Countries (2012-2017)

Table Europe Shape Memory Alloys Revenue by Countries (2012-2017)

Table Europe Shape Memory Alloys Revenue Market Share by Countries in 2012

Table Europe Shape Memory Alloys Revenue Market Share by Countries in 2016

Figure Germany Shape Memory Alloys Sales and Growth (2012-2017)

Figure UK Shape Memory Alloys Sales and Growth (2012-2017)

Figure France Shape Memory Alloys Sales and Growth (2012-2017)

Figure Russia Shape Memory Alloys Sales and Growth (2012-2017)

Figure Italy Shape Memory Alloys Sales and Growth (2012-2017)

Table Europe Shape Memory Alloys Sales by Manufacturer (2016-2017)

Figure Europe Shape Memory Alloys Sales Market Share by Manufacturer in 2016

Figure Europe Shape Memory Alloys Sales Market Share by Manufacturer in 2017

Table Europe Shape Memory Alloys Revenue by Manufacturer (2016-2017)

Figure Europe Shape Memory Alloys Revenue Market Share by Manufacturer in 2016

Figure Europe Shape Memory Alloys Revenue Market Share by Manufacturer in 2017

Table Europe Shape Memory Alloys Sales by Type (2012-2017)

Table Europe Shape Memory Alloys Sales Share by Type (2012-2017)

Table Europe Shape Memory Alloys Sales by Application (2012-2017)

Table Europe Shape Memory Alloys Sales Share by Application (2012-2017)

Figure Asia-Pacific Shape Memory Alloys Revenue and Growth (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales by Countries (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales Market Share by Countries (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales Market Share by Countries (2012-2017)

Table Asia-Pacific Shape Memory Alloys Revenue by Countries (2012-2017)

Table Asia-Pacific Shape Memory Alloys Revenue Market Share by Countries
(2012-2017)

Figure China Shape Memory Alloys Sales and Growth (2012-2017)

Figure Japan Shape Memory Alloys Sales and Growth (2012-2017)

Figure Korea Shape Memory Alloys Sales and Growth (2012-2017)

Figure India Shape Memory Alloys Sales and Growth (2012-2017)

Figure Southeast Asia Shape Memory Alloys Sales and Growth (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Shape Memory Alloys Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Shape Memory Alloys Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Shape Memory Alloys Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific Shape Memory Alloys Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Shape Memory Alloys Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Shape Memory Alloys Sales by Type (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales Share by Type (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales by Application (2012-2017)

Table Asia-Pacific Shape Memory Alloys Sales Share by Application (2012-2017)

Figure South America Shape Memory Alloys Revenue and Growth (2012-2017)

Table South America Shape Memory Alloys Sales by Countries (2012-2017)

Table South America Shape Memory Alloys Sales Market Share by Countries (2012-2017)

Figure South America Shape Memory Alloys Sales Market Share by Countries in 2016

Table South America Shape Memory Alloys Revenue by Countries (2012-2017)

Table South America Shape Memory Alloys Revenue Market Share by Countries (2012-2017)

Figure South America Shape Memory Alloys Revenue Market Share by Countries in 2016

Figure South America Shape Memory Alloys Revenue Market Share by Countries in 2017

Figure Brazil Shape Memory Alloys Sales and Growth (2012-2017)

Figure Argentina Shape Memory Alloys Sales and Growth (2012-2017)

Figure Columbia Shape Memory Alloys Sales and Growth (2012-2017)

Table South America Shape Memory Alloys Sales by Manufacturer (2016-2017)

Figure South America Shape Memory Alloys Sales Market Share by Manufacturer in 2016

Figure South America Shape Memory Alloys Sales Market Share by Manufacturer in 2017

Table South America Shape Memory Alloys Revenue by Manufacturer (2016-2017)

Figure South America Shape Memory Alloys Revenue Market Share by Manufacturer in 2016

Figure South America Shape Memory Alloys Revenue Market Share by Manufacturer in 2017

Table South America Shape Memory Alloys Sales by Type (2012-2017)

Table South America Shape Memory Alloys Sales Share by Type (2012-2017)

Table South America Shape Memory Alloys Sales by Application (2012-2017)

Table South America Shape Memory Alloys Sales Share by Application (2012-2017)
Figure Middle East and Africa Shape Memory Alloys Revenue and Growth (2012-2017)
Table Middle East and Africa Shape Memory Alloys Sales by Countries (2012-2017)
Table Middle East and Africa Shape Memory Alloys Sales Market Share by Countries (2012-2017)
Figure Middle East and Africa Shape Memory Alloys Sales Market Share by Countries in 2016
Table Middle East and Africa Shape Memory Alloys Revenue by Countries (2012-2017)
Table Middle East and Africa Shape Memory Alloys Revenue Market Share by Countries (2012-2017)
Figure Middle East and Africa Shape Memory Alloys Revenue Market Share by Countries in 2012
Figure Middle East and Africa Shape Memory Alloys Revenue Market Share by Countries in 2016
Figure Saudi Arabia Shape Memory Alloys Sales and Growth (2012-2017)
Figure UAE Shape Memory Alloys Sales and Growth (2012-2017)
Figure Egypt Shape Memory Alloys Sales and Growth (2012-2017)
Figure Nigeria Shape Memory Alloys Sales and Growth (2012-2017)
Figure South Africa Shape Memory Alloys Sales and Growth (2012-2017)
Table Middle East and Africa Shape Memory Alloys Sales by Manufacturer (2016-2017)
Figure Middle East and Africa Shape Memory Alloys Sales Market Share by Manufacturer in 2016
Figure Middle East and Africa Shape Memory Alloys Sales Market Share by Manufacturer in 2017
Table Middle East and Africa Shape Memory Alloys Revenue by Manufacturer (2016-2017)
Figure Middle East and Africa Shape Memory Alloys Revenue Market Share by Manufacturer in 2016
Figure Middle East and Africa Shape Memory Alloys Revenue Market Share by Manufacturer in 2017
Table Middle East and Africa Shape Memory Alloys Sales by Type (2012-2017)
Table Middle East and Africa Shape Memory Alloys Sales Share by Type (2012-2017)
Table Middle East and Africa Shape Memory Alloys Sales by Application (2012-2017)
Table Middle East and Africa Shape Memory Alloys Sales Share by Application (2012-2017)
Table Global Shape Memory Alloys Sales by Type (2012-2017)
Table Global Shape Memory Alloys Sales Share by Type (2012-2017)
Table Global Shape Memory Alloys Revenue by Type (2012-2017)
Table Global Shape Memory Alloys Revenue Share by Type (2012-2017)

Figure Global Nickel-Titanium (Ni-Ti) Sales Growth (2012-2017)
Figure Global Nickel-Titanium (Ni-Ti) Price (2012-2017)
Figure Global Copper Based Sales Growth (2012-2017)
Figure Global Copper Based Price (2012-2017)
Figure Global Fe-Manganese-Silicon Sales Growth (2012-2017)
Figure Global Fe-Manganese-Silicon Price (2012-2017)
Figure Global Other Type Sales Growth (2012-2017)
Figure Global Other Type Price (2012-2017)
Table Global Shape Memory Alloys Sales by Application (2012-2017)
Table Global Shape Memory Alloys Sales Share by Application (2012-2017)
Figure Global Medical applications Sales Growth (2012-2017)
Figure Global Aircraft Applications Sales Growth (2012-2017)
Figure Global Automotive Sales Growth (2012-2017)
Figure Global Home Appliance Sales Growth (2012-2017)
Figure Global Shape Memory Alloys Sales, Revenue and Growth Rate (2017 -2022)
Table Global Shape Memory Alloys Sales Forecast by Regions (2017-2022)
Table Global Shape Memory Alloys Market Share Forecast by Regions (2017-2022)
Figure North America Sales Shape Memory Alloys Market Forecast (2017-2022)
Figure Europe Sales Shape Memory Alloys Market Forecast (2017-2022)
Figure Asia-Pacific Sales Shape Memory Alloys Market Forecast (2017-2022)
Figure South America Sales Shape Memory Alloys Market Forecast (2017-2022)
Figure Middle East and Africa Sales Shape Memory Alloys Market Forecast (2017-2022)
Table Global Shape Memory Alloys Sales Forecast by Type (2017-2022)
Table Global Shape Memory Alloys Market Share Forecast by Type (2017-2022)
Table Global Shape Memory Alloys Sales Forecast by Application (2017-2022)
Table Global Shape Memory Alloys Market Share Forecast by Application (2017-2022)
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