

United States Shape Memory Alloys Market by Manufacturers, States, Type and Application, Forecast to 2022

<https://marketpublishers.com/r/U9B9645E8A3EN.html>

Date: August 2017

Pages: 124

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

ID: U9B9645E8A3EN

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 United States market, to split the market based on manufacturers, states, 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 States, covering

California

Texas

New York

Florida

Illinois

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 17 Chapters to deeply display the United States Shape Memory Alloys market.

Chapter 1, to describe Shape Memory Alloys Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Shape Memory Alloys, with profile, main business, news, sales, price, revenue and market share 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 United States market by States, covering California, New York, Texas, Illinois and Florida, with sales, price, revenue and market share of Shape

Memory Alloys, for each state, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

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

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers etc.

Chapter 16 and 17, to describe Shape Memory Alloys Research Findings and Conclusion, Appendix, methodology 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 States
 - 1.4.1 California Status and Prospect (2012-2022)
 - 1.4.2 Texas Status and Prospect (2012-2022)
 - 1.4.3 New York Status and Prospect (2012-2022)
 - 1.4.4 Florida Status and Prospect (2012-2022)
 - 1.4.5 Illinois Status and Prospect (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 Profile
 - 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)
 - 2.1.4 Business Overview
 - 2.1.5 Nitinol Devices & Components News
- 2.2 SAES Getters
 - 2.2.1 Profile

- 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)
- 2.2.4 Business Overview
- 2.2.5 SAES Getters News
- 2.3 G.RAU GmbH & Co. KG
 - 2.3.1 Profile
 - 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)
 - 2.3.4 Business Overview
 - 2.3.5 G.RAU GmbH & Co. KG News
- 2.4 ATI Wah-chang
 - 2.4.1 Profile
 - 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)
 - 2.4.4 Business Overview
 - 2.4.5 ATI Wah-chang News
- 2.5 Johnson Matthey
 - 2.5.1 Profile
 - 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)
 - 2.5.4 Business Overview
 - 2.5.5 Johnson Matthey News
- 2.6 Fort Wayne Metals
 - 2.6.1 Profile
 - 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)

2.6.4 Business Overview

2.6.5 Fort Wayne Metals News

2.7 Furukawa Electric

2.7.1 Profile

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)

2.7.4 Business Overview

2.7.5 Furukawa Electric News

2.8 Nippon Steel & Sumitomo Metal

2.8.1 Profile

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)

2.8.4 Business Overview

2.8.5 Nippon Steel & Sumitomo Metal News

2.9 Nippon Seisen

2.9.1 Profile

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)

2.9.4 Business Overview

2.9.5 Nippon Seisen News

2.10 Metalwerks PMD

2.10.1 Profile

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)

2.10.4 Business Overview

- 2.10.5 Metalwerks PMD News
- 2.11 Ultimate NiTi Technologies
 - 2.11.1 Profile
 - 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)
 - 2.11.4 Business Overview
 - 2.11.5 Ultimate NiTi Technologies News
- 2.12 Dynalloy
 - 2.12.1 Profile
 - 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)
 - 2.12.4 Business Overview
 - 2.12.5 Dynalloy News
- 2.13 Grikin
 - 2.13.1 Profile
 - 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)
 - 2.13.4 Business Overview
 - 2.13.5 Grikin News
- 2.14 PEIER Tech
 - 2.14.1 Profile
 - 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)
 - 2.14.4 Business Overview
 - 2.14.5 PEIER Tech News
- 2.15 Saite Metal
 - 2.15.1 Profile

- 2.15.2 Shape Memory Alloys Type and Applications
 - 2.15.2.1 Type
- 2.2 Type
 - 2.15.3 Saite Metal Shape Memory Alloys Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.15.4 Business Overview
 - 2.15.5 Saite Metal News
- 2.16 Smart
 - 2.16.1 Profile
 - 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)
 - 2.16.4 Business Overview
 - 2.16.5 Smart News
- 2.17 Baoji Seabird Metal
 - 2.17.1 Profile
 - 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)
 - 2.17.4 Business Overview
 - 2.17.5 Baoji Seabird Metal News
- 2.18 GEE
 - 2.18.1 Profile
 - 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)
 - 2.18.4 Business Overview
 - 2.18.5 GEE News

3 UNITED STATES SHAPE MEMORY ALLOYS MARKET COMPETITION, BY MANUFACTURER

3.1 United States Shape Memory Alloys Sales and Market Share by Manufacturer

(2016-2017)

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

3.3 United States Shape Memory Alloys Price by Manufacturers (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 UNITED STATES SHAPE MEMORY ALLOYS MARKET ANALYSIS BY STATES

4.1 United States Shape Memory Alloys Sales Market Share by States

4.2 United States Shape Memory Alloys Sales by States (2012-2017)

4.3 United States Shape Memory Alloys Revenue (Value) by States (2012-2017)

5 UNITED STATES MARKET SEGMENTATION SHAPE MEMORY ALLOYS BY TYPE

5.1 United States Shape Memory Alloys Sales, Revenue and Market Share by Type (2012-2017)

5.1.1 United States Shape Memory Alloys Sales and Market Share by Type (2012-2017)

5.1.2 United States Shape Memory Alloys Revenue and Market Share by Type (2012-2017)

5.2 Nickel-Titanium (Ni-Ti) Sales Growth and Price

5.2.1 United States Nickel-Titanium (Ni-Ti) Sales Growth (2012-2017)

5.2.2 United States Nickel-Titanium (Ni-Ti) Price (2012-2017)

5.3 Copper Based Sales Growth and Price

5.3.1 United States Copper Based Sales Growth (2012-2017)

5.3.2 United States Copper Based Price (2012-2017)

5.4 Fe-Manganese-Silicon Sales Growth and Price

5.4.1 United States Fe-Manganese-Silicon Sales Growth (2012-2017)

5.4.2 United States Fe-Manganese-Silicon Price (2012-2017)

5.5 Other Type Sales Growth and Price

5.5.1 United States Other Type Sales Growth (2012-2017)

5.5.2 United States Other Type Price (2012-2017)

6 UNITED STATES MARKET SEGMENTATION SHAPE MEMORY ALLOYS BY APPLICATION

- 6.1 United States Shape Memory Alloys Sales Market Share by Application (2012-2017)
- 6.2 Medical applications Sales Growth (2012-2017)
- 6.3 Aircraft Applications Sales Growth (2012-2017)
- 6.4 Automotive Sales Growth (2012-2017)
- 6.5 Home Appliance Sales Growth (2012-2017)

7 CALIFORNIA SHAPE MEMORY ALLOYS SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 7.1 California Shape Memory Alloys Revenue, Sales and Growth Rate (2012-2017)
- 7.2 California Shape Memory Alloys Sales and Market Share by Type
- 7.3 California Shape Memory Alloys Sales by Application (2012-2017)

8 NEW YORK SHAPE MEMORY ALLOYS SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 New York Shape Memory Alloys Revenue, Sales and Growth Rate (2012-2017)
- 8.2 New York Shape Memory Alloys Sales and Market Share by Type
- 8.3 New York Shape Memory Alloys Sales by Application (2012-2017)

9 TEXAS SHAPE MEMORY ALLOYS SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Texas Shape Memory Alloys Revenue, Sales and Growth Rate (2012-2017)
- 9.2 Texas Shape Memory Alloys Sales and Market Share by Type
- 9.3 Texas Shape Memory Alloys Sales by Application (2012-2017)

10 FLORIDA SHAPE MEMORY ALLOYS SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 10.1 Florida Shape Memory Alloys Revenue, Sales and Growth Rate (2012-2017)
- 10.2 Florida Shape Memory Alloys Sales and Market Share by Type
- 10.3 Florida Shape Memory Alloys Sales by Application (2012-2017)

11 ILLINOIS SHAPE MEMORY ALLOYS SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 11.1 Illinois Shape Memory Alloys Revenue, Sales and Growth Rate (2012-2017)

- 11.2 Illinois Shape Memory Alloys Sales and Market Share by Type
- 11.3 Illinois Shape Memory Alloys Sales by Application (2012-2017)

12 SHAPE MEMORY ALLOYS MARKET FORECAST (2017-2022)

- 12.1 United States Shape Memory Alloys Sales, Revenue and Growth Rate (2017-2022)
- 12.2 Shape Memory Alloys Market Forecast by States (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 SHAPE MEMORY ALLOYS MANUFACTURING COST ANALYSIS

- 13.1 Shape Memory Alloys Key Raw Materials Analysis
 - 13.1.1 Key Raw Materials
 - 13.1.2 Price Trend of Key Raw Materials
 - 13.1.3 Key Suppliers of Raw Materials
 - 13.1.4 Market Concentration Rate of Raw Materials
- 13.2 Proportion of Manufacturing Cost Structure
 - 13.2.1 Raw Materials
 - 13.2.2 Labor Cost
 - 13.2.3 Manufacturing Expenses
- 13.3 Manufacturing Process Analysis of Shape Memory Alloys

14 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 14.1 Shape Memory Alloys Industrial Chain Analysis
- 14.2 Upstream Raw Materials Sourcing
- 14.3 Raw Materials Sources of Shape Memory Alloys Major Manufacturers in 2016
- 14.4 Downstream Buyers

15 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 15.1 Sales Channel
 - 15.1.1 Direct Marketing
 - 15.1.2 Indirect Marketing
 - 15.1.3 Marketing Channel Future Trend
- 15.2 Distributors, Traders and Dealers

16 RESEARCH FINDINGS AND CONCLUSION

17 APPENDIX

17.1 Methodology

17.2 Analyst Introduction

17.3 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Shape Memory Alloys Picture
Table Product Specifications of Shape Memory Alloys
Figure United States Sales Market Share of Shape Memory Alloys by Types in 2016
Table Types of Shape Memory Alloys
Figure Nickel-Titanium (Ni-Ti) Picture
Table Major Manufacturers of Nickel-Titanium (Ni-Ti)
Figure Copper Based Picture
Table Major Manufacturers of Copper Based
Figure Fe-Manganese-Silicon Picture
Table Major Manufacturers of Fe-Manganese-Silicon
Figure Other Type Picture
Table Major Manufacturers of Other Type
Table United States Shape Memory Alloys Sales Market Share by Applications in 2016
Table Applications of Shape Memory Alloys
Figure Medical applications Picture
Figure Aircraft Applications Picture
Figure Automotive Picture
Figure Home Appliance Picture
Figure California Shape Memory Alloys Revenue (Million USD) and Growth Rate (2012-2022)
Figure Texas Shape Memory Alloys Revenue (Million USD) and Growth Rate (2012-2022)
Figure New York Shape Memory Alloys Revenue (Million USD) and Growth Rate (2012-2022)
Figure Florida Shape Memory Alloys Revenue (Million USD) and Growth Rate (2012-2022)
Figure Illinois Shape Memory Alloys Revenue (Million USD) 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 United States Shape Memory Alloys Sales by Manufacturer (2016-2017)

Figure United States Shape Memory Alloys Sales Market Share by Manufacturer in 2016

Figure United States Shape Memory Alloys Sales Market Share by Manufacturer in 2017

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

Figure United States Shape Memory Alloys Revenue Market Share by Manufacturer in 2015

Figure United States Shape Memory Alloys Revenue Market Share by Manufacturer in 2016

Table United States Shape Memory Alloys Price by Manufacturers (2016-2017)
Figure Top 3 Shape Memory Alloys Manufacturer Market Share in 2016
Figure Top 3 Shape Memory Alloys Manufacturer Market Share in 2017
Figure Top 5 Shape Memory Alloys Manufacturer Market Share in 2016
Figure Top 5 Shape Memory Alloys Manufacturer Market Share in 2017
Figure United States Shape Memory Alloys Sales and Growth (2012-2017)
Table United States Shape Memory Alloys Sales by States (2012-2017)
Table United States Shape Memory Alloys Sales Market Share by States (2012-2017)
Figure United States 2012 Shape Memory Alloys Sales Market Share by States
Figure United States 2016 Shape Memory Alloys Sales Market Share by States
Figure United States Shape Memory Alloys Revenue and Growth (2012-2017)
Table United States Shape Memory Alloys Revenue by States (2012-2017)
Table United States Shape Memory Alloys Revenue Market Share by States (2012-2017)
Table United States 2012 Shape Memory Alloys Revenue Market Share by States
Table United States 2016 Shape Memory Alloys Revenue Market Share by States
Table United States Shape Memory Alloys Sales by Type (2012-2017)
Table United States Shape Memory Alloys Sales Share by Type (2012-2017)
Table United States Shape Memory Alloys Revenue by Type (2012-2017)
Table United States Shape Memory Alloys Revenue Share by Type (2012-2017)
Figure United States Nickel-Titanium (Ni-Ti) Sales Growth (2012-2017)
Figure United States Nickel-Titanium (Ni-Ti) Price (2012-2017)
Figure United States Copper Based Sales Growth (2012-2017)
Figure United States Copper Based Price (2012-2017)
Figure United States Fe-Manganese-Silicon Sales Growth (2012-2017)
Figure United States Fe-Manganese-Silicon Price (2012-2017)
Figure United States Other Type Sales Growth (2012-2017)
Figure United States Other Type Price (2012-2017)
Table United States Shape Memory Alloys Sales by Application (2012-2017)
Table United States Shape Memory Alloys Sales Share by Application (2012-2017)
Figure United States Medical applications Sales Growth (2012-2017)
Figure United States Aircraft Applications Sales Growth (2012-2017)
Figure United States Automotive Sales Growth (2012-2017)
Figure United States Home Appliance Sales Growth (2012-2017)
Figure California Shape Memory Alloys Revenue and Growth (2012-2017)
Figure California Shape Memory Alloys Sales and Growth (2012-2017)
Table California Shape Memory Alloys Sales by Type (2012-2017)
Table California Shape Memory Alloys Sales Market Share by Type (2012-2017)
Table California Shape Memory Alloys Sales by Application (2012-2017)

Table California Shape Memory Alloys Sales Market Share by Application (2012-2017)
Figure New York Shape Memory Alloys Revenue and Growth (2012-2017)
Figure New York Shape Memory Alloys Sales and Growth (2012-2017)
Table New York Shape Memory Alloys Sales by Type (2012-2017)
Table New York Shape Memory Alloys Sales Market Share by Type (2012-2017)
Table New York Shape Memory Alloys Sales by Application (2012-2017)
Table New York Shape Memory Alloys Sales Market Share by Application (2012-2017)
Figure Texas Shape Memory Alloys Revenue and Growth (2012-2017)
Figure Texas Shape Memory Alloys Sales and Growth (2012-2017)
Table Texas Shape Memory Alloys Sales by Type (2012-2017)
Table Texas Shape Memory Alloys Sales Market Share by Type (2012-2017)
Table Texas Shape Memory Alloys Sales by Application (2012-2017)
Table Texas Shape Memory Alloys Sales Market Share by Application (2012-2017)
Figure Florida Shape Memory Alloys Revenue and Growth (2012-2017)
Figure Florida Shape Memory Alloys Sales and Growth (2012-2017)
Table Florida Shape Memory Alloys Sales by Type (2012-2017)
Table Florida Shape Memory Alloys Sales Market Share by Type (2012-2017)
Table Florida Shape Memory Alloys Sales by Application (2012-2017)
Table Florida Shape Memory Alloys Sales Market Share by Application (2012-2017)
Figure Illinois Shape Memory Alloys Revenue and Growth (2012-2017)
Figure Illinois Shape Memory Alloys Sales and Growth (2012-2017)
Table Illinois Shape Memory Alloys Sales by Type (2012-2017)
Table Illinois Shape Memory Alloys Sales Market Share by Type (2012-2017)
Table Illinois Shape Memory Alloys Sales by Application (2012-2017)
Table Illinois Shape Memory Alloys Sales Market Share by Application (2012-2017)
Figure United States Shape Memory Alloys Sales, Revenue and Growth Rate (2017-2022)
Table United States Shape Memory Alloys Sales Forecast by States (2017-2022)
Table United States Shape Memory Alloys Market Share Forecast by States (2017-2022)
Table United States Shape Memory Alloys Sales Forecast by Type (2017-2022)
Table United States Shape Memory Alloys Market Share Forecast by Type (2017-2022)
Table United States Shape Memory Alloys Sales Forecast by Application (2017-2022)
Table United States Shape Memory Alloys Market Share Forecast by Application (2017-2022)
Table Sales Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials
Figure Manufacturing Cost Structure of Shape Memory Alloys

Figure Manufacturing Process Analysis of Shape Memory Alloys

Figure Shape Memory Alloys Industrial Chain Analysis

Table Raw Materials Sources of Shape Memory Alloys Major Manufacturers in 2016

Table Major Buyers of Shape Memory Alloys

Table Distributors/Traders/ Dealers List

I would like to order

Product name: United States Shape Memory Alloys Market by Manufacturers, States, Type and Application, Forecast to 2022

Product link: <https://marketpublishers.com/r/U9B9645E8A3EN.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/U9B9645E8A3EN.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

