

Global Shape Memory Alloys Market Status (2015-2019) and Forecast (2020-2024) by Region, Product Type & End-Use

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Abstracts

SUMMARY

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. The report forecast global Shape Memory Alloys market to grow to reach xxx Million USD in 2019 with a CAGR of xx% during the period 2020-2024.

The report offers detailed coverage of Shape Memory Alloys industry and main market trends. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading Shape Memory Alloys by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

First, this report covers the present status and the future prospects of the global Shape Memory Alloys market for 2015-2024.

And in this report, we analyze global market from 5 geographies: Asia-Pacific[China, Southeast Asia, India, Japan, Korea, Western Asia], Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland], North America[United States,

Canada, Mexico], Middle East & Africa[GCC, North Africa, South Africa], South America[Brazil, Argentina, Columbia, Chile, Peru].

At the same time, we classify Shape Memory Alloys according to the type, application by geography. More importantly, the report includes major countries market based on the type and application.

Finally, the report provides detailed profile and data information analysis of leading Shape Memory Alloys company.

Key Content of Chapters as follows (Including and can be customized) :

Part 1:

Market Overview, Development, and Segment by Type, Application & Region

Part 2:

Company information, Sales, Cost, Margin etc.

Part 3:

Global Market by company, Type, Application & Geography

Part 4:

Asia-Pacific Market by Type, Application & Geography

Part 5:

Europe Market by Type, Application & Geography

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North America Market by Type, Application & Geography

Part 7:

South America Market by Type, Application & Geography

Part 8:

Middle East & Africa Market by Type, Application & Geography

Part 9:

Market Features

Part 10:

Investment Opportunity

Part 11:

Conclusion

Market Segment as follows:

By Region

Asia-Pacific[China, Southeast Asia, India, Japan, Korea, Western Asia]

Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland]

North America[United States, Canada, Mexico]

Middle East & Africa[GCC, North Africa, South Africa]

South America[Brazil, Argentina, Columbia, Chile, Peru]

Key Companies

Nitinol Devices & Components

SAES Getters

G.RAU GmbH & Co. KG

ATI Wah-chang

Johnson Matthey

Fort Wayne Metals

Furukawa Electric

Nippon Steel & Sumitomo Metal

NipponSeisen

Metalwerks PMD

Ultimate NiTi Technologies

Dynalloy

Grikin

Saite Metal

Market by Type

Nickel-Titanium (Ni-Ti)

Copper Based

Fe-Manganese-Silicon

Others

Market by Application

Super Elastic

Constrained Recovery

Actuator

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