

# 2015-2025 Global Shape Memory Alloys Market Research by Type, End-Use and Region (COVID-19 Version)

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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 global Shape Memory Alloys market is expected to reach xxx Million USD by 2025, with a CAGR of xx% from 2020 to 2025.

Further key aspects of the report indicate that:

Chapter 1: Market Definition and Segment by Type, End-Use & Major Regions  
Market Size

Chapter 2: Global Production & Consumption Market by Type and End-Use

Chapter 3: Europe Production & Consumption Market by Type and End-Use

Chapter 4: America Production & Consumption Market by Type and End-Use

Chapter 5: Asia Production & Consumption Market by Type and End-Use

Chapter 6: Oceania Production & Consumption Market by Type and End-Use

Chapter 7: Africa Production & Consumption Market by Type and End-Use

Chapter 8: Global Market Forecast by Type, End-Use and Region

Chapter 9: Company information, Sales, Cost, Margin, news etc.

Chapter 10: Market Competition by Companies and Market Concentration Ratio

Chapter 11: Market Impact by Coronavirus.

Chapter 12: Industry Summary

Market Segment as follows:

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

### Key Types

Nickel-Titanium (Ni-Ti)

Copper Based

Fe-Manganese-Silicon

Others

### Key End-Use

Super Elastic

Constrained Recovery

Actuator

This report can be dispatched within 24-48 Hours.

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Figure Global Shape Memory Alloys Production Volume Share by Type in 2025  
(Volume)

Figure Global Shape Memory Alloys Consumption Value Share by End-Use in 2025  
(Million USD)

Figure Global Shape Memory Alloys Consumption Value Share by Region in 2025  
(Million USD)

Figure Global Shape Memory Alloys Consumption Volume Share by Region in 2025  
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