

Controlled Expansion Alloys Market, Global Outlook and Forecast 2022-2028

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Abstracts

Controlled expansion alloys are iron-nickel alloys or iron-nickel-cobalt alloys used for applications in which thermal size change of the metal must be considered in the design. Composition and crystal structure help to determine each alloy's thermal expansion behavior. The alloy expansion rate is most commonly stated in terms of an average coefficient of thermal expansion. Controlled expansion alloys were developed to demonstrate a coefficient of thermal expansion within certain ranges.

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

Global Controlled Expansion Alloys Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Controlled Expansion Alloys Market Sales, 2017-2022, 2023-2028, (Tonnes)

Global top five Controlled Expansion Alloys companies in 2021 (%)

The global Controlled Expansion Alloys market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

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

Low Thermal Expansion Alloys Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Controlled Expansion Alloys include VDM Metals, Carpenter Technology, Nippon Yakin Kogyo, Hitachi Metals, Imphy Alloys, Allegheny, Sandvik, Haynes and Goodfellow, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Controlled Expansion Alloys 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 Controlled Expansion Alloys Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tonnes)

Global Controlled Expansion Alloys Market Segment Percentages, by Type, 2021 (%)

Low Thermal Expansion Alloys

Matching Expansion Alloys

High Thermal Expansion Alloys

Global Controlled Expansion Alloys Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tonnes)

Global Controlled Expansion Alloys Market Segment Percentages, by Application, 2021 (%)

Electronics & Semiconductor

Aerospace & Defense

Telecommunications

Medical Industry

Others

Global Controlled Expansion Alloys Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Tonnes)

Global Controlled Expansion Alloys 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 Controlled Expansion Alloys revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Controlled Expansion Alloys revenues share in global market, 2021 (%)

Key companies Controlled Expansion Alloys sales in global market, 2017-2022
(Estimated), (Tonnes)

Key companies Controlled Expansion Alloys sales share in global market, 2021 (%)

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

VDM Metals

Carpenter Technology

Nippon Yakin Kogyo

Hitachi Metals

Imphy Alloys

Allegheny

Sandvik

Haynes

Goodfellow

Ed Fagan Inc. (EFI)

Mitsubishi Material

JLC Electromet

Deutsche Nickel GmbH

Vacuumschmelze

Columbia Metals

PHYNICX

Tianjin Baienwei

Beijing Beiye

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