

Fe-Based Nanocrystalline Ribbons Market, Global Outlook and Forecast 2022-2028

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Abstracts

Nanocrystalline alloys are materials based on Fe, Si and B as well as Nb and Cu. They are produced in thin ribbons by rapid solidification technology, initially amorphous, and then crystallized in heat treatment at about 500-600 °C. This results in the microstructure of very fine grains with a grain size of 10 nanometers - hence known as nanocrystals. These nanocrystalline alloys have low magnetic anisotropy and low magnetostriction, and have high magnetic flux density BS and good thermal stability.

This report contains market size and forecasts of Fe-Based Nanocrystalline Ribbons in global, including the following market information:

Global Fe-Based Nanocrystalline Ribbons Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Fe-Based Nanocrystalline Ribbons Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Fe-Based Nanocrystalline Ribbons companies in 2021 (%)

The global Fe-Based Nanocrystalline Ribbons market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

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

14~18?m Thickness Segment to Reach \$ Million by 2028, with a % CAGR in next six years.



The global key manufacturers of Fe-Based Nanocrystalline Ribbons include Hitachi Metal, Advanced Technology, VACUUMSCHMELZE, Qingdao Yunlu, China Amorphous Technology, Henan Zhongyue, Foshan Huaxin, Londerful New Material and Orient Group, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Fe-Based Nanocrystalline Ribbons 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 Fe-Based Nanocrystalline Ribbons Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Fe-Based Nanocrystalline Ribbons Market Segment Percentages, by Type, 2021 (%)

14~18?m Thickness

18~22?m Thickness

22~26?m Thickness

Others

Global Fe-Based Nanocrystalline Ribbons Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Fe-Based Nanocrystalline Ribbons Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Renewable Energy



Electric Power
Aerospace
Medical
Automotive and Transportation
Others
Global Fe-Based Nanocrystalline Ribbons Market, By Region and Country, 2017-2022 2023-2028 (\$ Millions) & (Tons)
Global Fe-Based Nanocrystalline Ribbons 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 Fe-Based Nanocrystalline Ribbons revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Fe-Based Nanocrystalline Ribbons revenues share in global market, 2021 (%)

Key companies Fe-Based Nanocrystalline Ribbons sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Fe-Based Nanocrystalline Ribbons sales share in global market, 2021 (%)

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

Hitachi Metal

Advanced Technology

VACUUMSCHMELZE

Qingdao Yunlu

China Amorphous Technology

Henan Zhongyue

Foshan Huaxin

Londerful New Material

Orient Group

Bomatec

OJSC MSTATOR



JoinChina Advanced Materials

Vikarsh Nano



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