

# Silicon Nitride and Silicon Nitride Ceramics Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Silicon nitride ceramics offer high thermal, shock, and impact resistance. Silicon nitride ceramics is superior to other materials due to its thermal shock resistance. It does not deteriorate at high temperatures, so it's used for automotive engines and parts for gas turbines, including the turbocharger rotor. It is widely used in Cutting Tools, Bearing Rolling Elements, Automotive Components (rollers/pads), Oil&Gas Components industry.

This report contains market size and forecasts of Silicon Nitride and Silicon Nitride Ceramics in global, including the following market information:

Global Silicon Nitride and Silicon Nitride Ceramics Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Silicon Nitride and Silicon Nitride Ceramics Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Silicon Nitride and Silicon Nitride Ceramics companies in 2021 (%)

The global Silicon Nitride and Silicon Nitride Ceramics 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.

CPS Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Silicon Nitride and Silicon Nitride Ceramics include Kyoceras, CeramTec, 3M, Ortech, Toshiba, Coorstek, Morgan Advanced Materials, Ferrotec and Syalons, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Silicon Nitride and Silicon Nitride Ceramics 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 Silicon Nitride and Silicon Nitride Ceramics Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Silicon Nitride and Silicon Nitride Ceramics Market Segment Percentages, by Type, 2021 (%)

CPS

RS

GPS

Other

Global Silicon Nitride and Silicon Nitride Ceramics Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Silicon Nitride and Silicon Nitride Ceramics Market Segment Percentages, by Application, 2021 (%)

Aerospace Components

Cutting Tools

## Bearing Rolling Elements

Global Silicon Nitride and Silicon Nitride Ceramics Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Silicon Nitride and Silicon Nitride Ceramics 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 Silicon Nitride and Silicon Nitride Ceramics revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Silicon Nitride and Silicon Nitride Ceramics revenues share in global

market, 2021 (%)

Key companies Silicon Nitride and Silicon Nitride Ceramics sales in global market, 2017-2022 (Estimated), (K MT)

Key companies Silicon Nitride and Silicon Nitride Ceramics sales share in global market, 2021 (%)

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

Kyoceras

CeramTec

3M

Ortech

Toshiba

Coorstek

Morgan Advanced Materials

Ferrotec

Syalons

Rogers

Amedica

Honsin Ceramics

Fraunhofer IKTS

Winsted Precision Ball

Hoover Precision Products

Industrial Tectonics Inc

Precision Ceramics

Sinoma

Unipretec

Jinsheng

FCRI

Zibo Silicon Nitride Products

Shichao

HSCCER

Kaifa

Mokai

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