



Published on *SWOT Analysis* (<https://www.swotanalysis.info>)

Home > World Silicon Nitride Balls Market Research Report 2024(Covering USA, EU, China, South East Asia, Japan and etc)

World Silicon Nitride Balls Market Research Report 2024(Covering USA, EU, China, South East Asia, Japan and etc)

Publication ID:

ICRW03190583

Publication Date:

March 19, 2019

Pages:

104

Publisher:

ICRW

Region:

Global [1]

\$2,960.00

Publication License Type *

Single User License (PDF), \$2,960.00

Global License (PDF), \$3,800.00

Please choose the suitable license type from above. More details are at given under tab "Report License Types" below.

Add to cart



Description:

Summary

Silicon nitride balls also known as the silicon nitride ceramic balls, mainly used in bearing. The raw materials of silicon nitride balls are silicon nitride powder which is made through a series of process. Silicon nitride ball is a kind of precision ceramics that Silicon nitride powder is sintered in non-oxidizing atmosphere.

Silicon Nitride, Si₃N₄, ceramic has become the standard ceramic ball material for hybrid Ball Bearings. This material is very hard, over 2000 Knoop, and very wear resistant. The weight of silicon nitride balls is only 40% of steel at 3.2 grams per cm³, and it has excellent fracture toughness even at elevated temperature.

Silicon Nitride Balls market research report provides the newest industry data and industry future trends, allowing you to identify the products and end users driving Revenue growth and profitability. The industry report lists the leading competitors and provides the insights strategic industry Analysis of the key factors influencing the market.

The report includes the forecasts, Analysis and discussion of important industry trends, market size, market share estimates and profiles of the leading industry Players.

The market is expected to expand at 7.95% CAGR over the period between 2019 and 2024.

Global Silicon Nitride Balls Market: Product Segment Analysis

GPS

HIP

Global Silicon Nitride Balls Market: Application Segment Analysis

Silicon Nitride Bearing

Silicon Nitride Ball valve

others

Global Silicon Nitride Balls Market: Regional Segment Analysis

USA

Europe

Japan

China

India

South East Asia

The Players mentioned in our report

Toshiba

CoorsTek

ITI

Winsted Precision Ball

Ortech

Redhill-balls

THOMSON

Spheric Trafalgar

Sinoma

Hoover Precision

Shanghai Million Unite
Jiangsu jinSheng
SRIM
Zhongbo Ceramics
HeFei Moke New Material
ShenZhen JiuZhou Grinding
HSCCER
Meishibang Fine Ceramic

Table Of Contents:

Table of Content

Chapter 1 About the Silicon Nitride Balls Industry

1.1 Industry Definition

1.1.1 Types of Silicon Nitride Balls industry

1.1.1.1 GPS

1.1.1.2 HIP

1.2 Main Market Activities

1.3 Similar Industries

1.4 Industry at a Glance

Chapter 2 World Market Competition Landscape

2.1 Silicon Nitride Balls Markets by Regions

2.1.1 USA

Market Revenue (M USD) and Growth Rate 2014-2019

Market Sales and Growth Rate 2014-2019

Major Players Revenue (M USD) in 2019

2.1.2 Europe

Market Revenue (M USD) and Growth Rate 2014-2019

Market Sales and Growth Rate 2014-2019

Major Players Revenue (M USD) in 2019

2.1.3 China

Market Revenue (M USD) and Growth Rate 2014-2019

Market Sales and Growth Rate 2014-2019

Major Players Revenue (M USD) in 2019

2.1.4 India

Market Revenue (M USD) and Growth Rate 2014-2019

Market Sales and Growth Rate 2014-2019

Major Players Revenue (M USD) in 2019

2.1.5 Japan

Market Revenue (M USD) and Growth Rate 2014-2019

Market Sales and Growth Rate 2014-2019

Major Players Revenue (M USD) in 2019

2.1.6 South East Asia

Market Revenue (M USD) and Growth Rate 2014-2019

Market Sales and Growth Rate 2014-2019

Major Players Revenue (M USD) in 2019

2.2 World Silicon Nitride Balls Market by Types

GPS

HIP

2.3 World Silicon Nitride Balls Market by Applications

Silicon Nitride Bearing

Silicon Nitride Ball valve

others

Chapter 3 World Silicon Nitride Balls Market share

3.1 Major Production Market share by Players

3.2 Major Revenue (M USD) Market share by Players

3.3 Major Production Market share by Regions in 2019, Through 2024

3.4 Major Revenue (M USD) Market share By Regions in 2019, Through 2024

Chapter 4 Supply Chain Analysis

4.1 Industry Supply chain Analysis

4.2 Raw material Market Analysis

4.2.1 Raw material Prices Analysis 2012-2019

4.2.2 Raw material Supply Market Analysis

4.2 Manufacturing Equipment Suppliers Analysis

4.3 Production Process Analysis

4.4 Production Cost Structure Benchmarks

4.5 End users Market Analysis

Chapter 5 Company Profiles

5.1 Toshiba

5.1.1 Company Details (Foundation Year, Employee Strength and etc)

5.1.2 Product Information (Picture, Specifications and Applications)

5.1.3 Revenue (M USD), Price and Operating Profits

5.2 CoorsTek

5.2.1 Company Details (Foundation Year, Employee Strength and etc)

5.2.2 Product Information (Picture, Specifications and Applications)

5.2.3 Revenue (M USD), Price and Operating Profits

5.3 ITI

5.3.1 Company Details (Foundation Year, Employee Strength and etc)

5.3.2 Product Information (Picture, Specifications and Applications)

5.3.3 Revenue (M USD), Price and Operating Profits

5.4 Winsted Precision Ball

5.4.1 Company Details (Foundation Year, Employee Strength and etc)

5.4.2 Product Information (Picture, Specifications and Applications)

5.4.3 Revenue (M USD), Price and Operating Profits

5.5 Ortech

5.5.1 Company Details (Foundation Year, Employee Strength and etc)

5.5.2 Product Information (Picture, Specifications and Applications)

5.5.3 Revenue (M USD), Price and Operating Profits

5.6 Redhill-balls

5.6.1 Company Details (Foundation Year, Employee Strength and etc)

5.6.2 Product Information (Picture, Specifications and Applications)

5.6.3 Revenue (M USD), Price and Operating Profits

5.7 THOMSON

5.7.1 Company Details (Foundation Year, Employee Strength and etc)

5.7.2 Product Information (Picture, Specifications and Applications)

5.7.3 Revenue (M USD), Price and Operating Profits

5.8 Spheric Trafalgar

5.8.1 Company Details (Foundation Year, Employee Strength and etc)

5.8.2 Product Information (Picture, Specifications and Applications)

5.8.3 Revenue (M USD), Price and Operating Profits

5.9 Sinoma

5.9.1 Company Details (Foundation Year, Employee Strength and etc)

5.9.2 Product Information (Picture, Specifications and Applications)

5.9.3 Revenue (M USD), Price and Operating Profits

5.10 Hoover Precision

5.10.1 Company Details (Foundation Year, Employee Strength and etc)

5.10.2 Product Information (Picture, Specifications and Applications)

5.10.3 Revenue (M USD), Price and Operating Profits

5.11 Shanghai Million Unite

5.11.1 Company Details (Foundation Year, Employee Strength and etc)

5.11.2 Product Information (Picture, Specifications and Applications)

5.11.3 Revenue (M USD), Price and Operating Profits

5.12 Jiangsu jinSheng

5.12.1 Company Details (Foundation Year, Employee Strength and etc)

5.12.2 Product Information (Picture, Specifications and Applications)

5.12.3 Revenue (M USD), Price and Operating Profits

5.13 SRIM

5.13.1 Company Details (Foundation Year, Employee Strength and etc)

5.13.2 Product Information (Picture, Specifications and Applications)

5.13.3 Revenue (M USD), Price and Operating Profits

5.14 Zhongbo Ceramics

5.14.1 Company Details (Foundation Year, Employee Strength and etc)

5.14.2 Product Information (Picture, Specifications and Applications)

5.14.3 Revenue (M USD), Price and Operating Profits

5.15 HeFei Moke New Material

5.15.1 Company Details (Foundation Year, Employee Strength and etc)

5.15.2 Product Information (Picture, Specifications and Applications)

5.15.3 Revenue (M USD), Price and Operating Profits

5.16 ShenZhen JiuZhou Grinding

5.16.1 Company Details (Foundation Year, Employee Strength and etc)

5.16.2 Product Information (Picture, Specifications and Applications)

5.16.3 Revenue (M USD), Price and Operating Profits

5.17 HSCCER

5.17.1 Company Details (Foundation Year, Employee Strength and etc)

5.17.2 Product Information (Picture, Specifications and Applications)

5.17.3 Revenue (M USD), Price and Operating Profits

5.18 Meishibang Fine Ceramic

5.18.1 Company Details (Foundation Year, Employee Strength and etc)

5.18.2 Product Information (Picture, Specifications and Applications)

5.18.3 Revenue (M USD), Price and Operating Profits

Chapter 6 Globalisation & Trade

6.1 Business Locations

6.2 Supply channels

6.3 Marketing strategy

6.4 Barriers to Entry

Chapter 7 Distributors and Customers

7.1 Major Distributors and contact information by Regions

7.2 Major Customers and contact information by Regions

Chapter 8 Import, Export, Consumption and Consumption Value by Major Countries

8.1 USA

8.2 Germany

8.3 China

8.4 Japan

8.5 India

8.6 South East Asia

Chapter 9 World Silicon Nitride Balls Market Forecast through 2024

9.1 World Silicon Nitride Balls Demand by Regions Forecast through 2024

9.2 World Silicon Nitride Balls Price(by Regions, Types, Applications)Analysis Forecast through 2024

9.3 World Silicon Nitride Balls Revenue (M USD)(by Regions, Types, Applications) Forecast through 2024

Chapter 10 Key success factors and Market Overview

Tables and figures

Table Main Market Activities by Regions

Table Market Revenue (M USD) and Growth Rate 2014-2019

Table Major Players Revenue (M USD) in 2019

Table Market Revenue (M USD) and Growth Rate 2014-2019

Table Major Players Revenue (M USD) in 2019

Table Market Revenue (M USD) and Growth Rate 2014-2019

Table Major Players Revenue (M USD) in 2019

Table Market Revenue (M USD) and Growth Rate 2014-2019

Table Major Players Revenue (M USD) in 2019

Table Market Revenue (M USD) and Growth Rate 2014-2019

Table Major Players Revenue (M USD) in 2019

Table Major Production Market share by Players 2019

Table Major Revenue (M USD) Market share by Players 2019

Table Production Market share by Major Regions in 2019-2019

Table Production Market share by Major Regions in 2018-2024

Table Revenue (M USD) Market share by Regions in 2019-2019

Table Revenue (M USD) Market share by Regions in 2018-2024

Table Industry Supply chain Analysis

Table Raw material Prices Analysis 2012-2019

Table Raw material Suppliers Market Analysis

Table Manufacturing Equipment Suppliers Analysis

Figure Production Process Analysis

Figure Production Cost Structure

Table major End Users by Regions

Table Toshiba Information List

Figure Silicon Nitride Balls Silicon Nitride Balls Picture, Specifications and Applications of Toshiba

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Toshiba 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Toshiba 2019

Table CoorsTek Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of CoorsTek

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of CoorsTek 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of CoorsTek 2019

Table ITI Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of ITI

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD)

and Profits Margin of ITI 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of ITI 2019

Table Winsted Precision Ball Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Winsted Precision Ball

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Winsted Precision Ball 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Winsted Precision Ball 2019

Table Ortech Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Ortech

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Ortech 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Ortech 2019

Table Redhill-balls Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Redhill-balls

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Redhill-balls 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Redhill-balls 2019

Table THOMSON Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of THOMSON

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of THOMSON 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of THOMSON 2019

Table Spheric Trafalgar Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Spheric Trafalgar

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Spheric Trafalgar 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Spheric Trafalgar 2019

Table Sinoma Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Sinoma

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Sinoma 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Sinoma 2019

Table Hoover Precision Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Hoover Precision

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Hoover Precision 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Hoover Precision 2019

Table Shanghai Million Unite Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Shanghai Million Unite

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD)

and Profits Margin of Shanghai Million Unite 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Shanghai Million Unite 2019

Table Jiangsu jinSheng Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Jiangsu jinSheng

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Jiangsu jinSheng 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Jiangsu jinSheng 2019

Table SRIM Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of SRIM

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of SRIM 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of SRIM 2019

Table Zhongbo Ceramics Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Zhongbo Ceramics

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Zhongbo Ceramics 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Zhongbo Ceramics 2019

Table HeFei Moke New Material Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of HeFei Moke New Material

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of HeFei Moke New Material 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of HeFei Moke New Material 2019

Table ShenZhen JiuZhou Grinding Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of ShenZhen JiuZhou Grinding

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of ShenZhen JiuZhou Grinding 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of ShenZhen JiuZhou Grinding 2019

Table HSCCER Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of HSCCER

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of HSCCER 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of HSCCER 2019

Table Meishibang Fine Ceramic Information List

Figure Silicon Nitride Balls Picture, Specifications and Applications of Meishibang Fine Ceramic

Table Silicon Nitride Balls Sales Volume, Price, Operating Cost, Operating Profits, Revenue (M USD) and Profits Margin of Meishibang Fine Ceramic 2019

Figure Silicon Nitride Balls Sales Volume and World Market Share of Meishibang Fine Ceramic 2019

Table Business Locations

Figure Supply channels

Figure Marketing strategy

Table Barriers Analysis to Entry

Table Major Distributors and contact information by Regions

Table Major Customers and contact information by Regions

Table USA Supply, Import, Export, Consumption and Consumption Value(M USD)

Table Germany Supply, Import, Export, Consumption and Consumption Value(M USD)

Table China Supply, Import, Export, Consumption and Consumption Value(M USD)

Table Japan Supply, Import, Export, Consumption and Consumption Value(M USD)

Table India Supply, Import, Export, Consumption and Consumption Value(M USD)

Table South East Asia Supply, Import, Export, Consumption and Consumption Value(M USD)

Table World Demand by Regions Forecast Analysis of Silicon Nitride Balls (2019-2024)

Table World Price by Regions Forecast Analysis of Silicon Nitride Balls (2019-2024)

Table World Price by Types Forecast Analysis of Silicon Nitride Balls (2019-2024)

Table World Price by Applications Forecast Analysis of Silicon Nitride Balls (2019-2024)

Table World Revenue (M USD) by Regions Forecast Analysis of Silicon Nitride Balls (2019-2024)

Table World Revenue (M USD) by Types Forecast Analysis of Silicon Nitride Balls (2019-2024)

License Types:

Single User License (PDF)

- This license allows for use of a publication by one person.
- This person may print out a single copy of the publication.
- This person can include information given in the publication in presentations and internal reports by providing full copyright credit to the publisher.
- This person cannot share the publication (or any information contained therein) with any other person or persons.
- Unless a Enterprise License is purchased, a Single User License must be purchased for every person that wishes to use the publication within the same organization.
- Customers who infringe these license terms are liable for a Global license fee.

Site License (PDF)*

- This license allows for use of a publication by all users within one corporate location, e.g. a regional office.
- These users may print out a single copy of the publication.
- These users can include information given in the publication in presentations and internal reports by providing full copyright credit to the publisher.
- These users cannot share the publication (or any information contained therein) with any other person or persons outside the corporate location for which the publication is purchased.
- Unless a Enterprise License is purchased, a Site User License must be purchased for every corporate

location by an organization that wishes to use the publication within the same organization.

- Customers who infringe these license terms are liable for a Global license fee.

Global License (PDF)*

- This license allows for use of a publication by unlimited users within the purchasing organization e.g. all employees of a single company.
- Each of these people may use the publication on any computer, and may print out the report, but may not share the publication (or any information contained therein) with any other person or persons outside of the organization.
- These employees of purchasing organization can include information given in the publication in presentations and internal reports by providing full copyright credit to the publisher.

*If Applicable.

No. 1101, Golden Square, 3rd Floor,
24th Main, J P Nagar, 1st Phase,
Bangalore, Karnataka, India- 560078

India: +91-8762746600

info@domain.com

-->

NAVIGATE

[About Us](#)

[Reports by Region](#)

[FAQ](#)

[Privacy Policy](#)

[TERMS & CONDITIONS](#)

[CONTACT](#)

RECENT POSTS

[What is SWOT Analysis?](#)

March 12

[How to use market research to bring your idea to life?](#)

March 11

How to gain business insights using syndicated market research?

March 10

Source URL:<https://www.swotanalysis.info/icrw/world-silicon-nitride-balls-market-research-report-2024covering-usa-eu-china-south-east-asia>

Links

[1] <https://www.swotanalysis.info/region/global>