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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 2018 and 2023.

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
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HSCCER
Meishibang Fine Ceramic

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