

# Conical Spring Washers Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Conical Spring washers, conical shells which can be loaded along their axes either statically or dynamically, are designed to help prevent loosening of bolted joints under vibration. They have a high spring rate, resolve thermal expansion and can produce extremely high loads in a small area. They also absorb shock, provide dampening, and support high tension in bolted applications.

This report contains market size and forecasts of Conical Spring Washers in global, including the following market information:

Global Conical Spring Washers Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Conical Spring Washers Market Sales, 2017-2022, 2023-2028, (M Units)

Global top five Conical Spring Washers companies in 2021 (%)

The global Conical Spring Washers 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.

Spring Steel Conical Spring Washers Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Conical Spring Washers include NORELEM Normelemente KG, TR Fastenings Ltd, Bauer Springs Inc., Associated Spring

Raymond(Barnes Group Inc.), Technical Stamping(Shanghai) Co., Ltd, Bossard, Solon Manufacturing Co., Westfield Fasteners Limited and Seastrom Manufacturing Co., Inc., etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Conical Spring Washers 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 Conical Spring Washers Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (M Units)

Global Conical Spring Washers Market Segment Percentages, by Type, 2021 (%)

Spring Steel Conical Spring Washers

Stainless Steel Conical Spring Washers

Nickel Alloy Conical Spring Washers

Others

Global Conical Spring Washers Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (M Units)

Global Conical Spring Washers Market Segment Percentages, by Application, 2021 (%)

Automotive

Construction

Mechanical

Electronic

Others

Global Conical Spring Washers Market, By Region and Country, 2017-2022, 2023-2028  
(\$ Millions) & (M Units)

Global Conical Spring Washers 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 Conical Spring Washers revenues in global market, 2017-2022  
(Estimated), (\$ millions)

Key companies Conical Spring Washers revenues share in global market, 2021 (%)

Key companies Conical Spring Washers sales in global market, 2017-2022 (Estimated), (M Units)

Key companies Conical Spring Washers sales share in global market, 2021 (%)

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

NORELEM Normelemente KG

TR Fastenings Ltd

Bauer Springs Inc.

Associated Spring Raymond(Barnes Group Inc.)

Technical Stamping(Shanghai) Co., Ltd

Bossard

Solon Manufacturing Co.

Westfield Fasteners Limited

Seastrom Manufacturing Co., Inc.

Cromwell Group (Holdings) Ltd

FA.BE.RO. SRL

Was Sheng Enterprise Co., Ltd

Milanoviti Srl

Willie Washer Manufacturing Corporation

Christian Bauer GmbH+Co. KG

Ettinger GmbH

Rudolf Rafflenbeul Stahlwarenfabrik GmbH & Co. KG

TorqBolt Inc

ELGO Sruby

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