

Global Grooved Crosses Market Growth 2025-2031

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Abstracts

The global Grooved Crosses market size is predicted to grow from US\$ 504 million in 2025 to US\$ 662 million in 2031; it is expected to grow at a CAGR of 4.7% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Grooved Cross is a kind of important pipe fittings used in piping system, which belongs to one kind of grooved connection fittings. Its structure is characterized by an annular groove at the interface of the cross (i.e., “cross-shaped” pipe fittings, used to connect four pipes, to achieve the diversion or merging of fluids in four directions), which are used in conjunction with matching grooved fittings (such as clamps, seals, etc.) to achieve rapid connection of pipelines by means of mechanical locking. The main function of grooved cross is to realize the split transmission of fluid in horizontal and vertical directions in piping system, which is commonly used in the scenarios where the fluid flow direction needs to be changed or the pipelines need to be branched, such as building water supply and drainage system, fire-fighting pipelines, industrial pipelines and so on. Its design advantages include: easy installation (no welding or threaded connections are required, reducing on-site machining processes), reliable sealing (sealing ring and clamp work together to form a sealing structure), can withstand a certain level of pressure (suitable for low and medium pressure piping systems), and is easy to dismantle and maintain. Through the standardized groove size and structure, groove cross can be quickly connected with pipes made of different materials (such as steel pipe, cast iron pipe, etc.), which improves the construction efficiency and reduces the installation cost, so it is widely used in modern pipeline engineering.

United States market for Grooved Crosses is estimated to increase from US\$ million in

2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Grooved Crosses is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Grooved Crosses is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Grooved Crosses players cover Viking EMEA, Johnson Controls, Shurjoint, MEIDE GROUP, NAFFCO Flow Control, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Grooved Crosses Industry Forecast" looks at past sales and reviews total world Grooved Crosses sales in 2024, providing a comprehensive analysis by region and market sector of projected Grooved Crosses sales for 2025 through 2031. With Grooved Crosses sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Grooved Crosses industry.

This Insight Report provides a comprehensive analysis of the global Grooved Crosses landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Grooved Crosses portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Grooved Crosses market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Grooved Crosses and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Grooved Crosses.

This report presents a comprehensive overview, market shares, and growth opportunities of Grooved Crosses market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Equal Grooved Crosses

Reducing Grooved Crosses

Segmentation by Application:

Fire Protection Systems

HVAC Systems

Industrial Piping Systems

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Viking EMEA

Johnson Controls

Shurjoint

MEIDE GROUP

NAFFCO Flow Control

National Fittings Limited

AVN Manufacturing Company

Shandong Lede Machinery Co.,

Ltd.

ATUSA

HT Casting

Shandong Zhihua Pipe Industry

Shandong Shengxin Pipe Industry Co., Ltd.

Youtong Machinery

Zurn

Hebei Jianzhi Casting Group Co., Ltd

Shanxi Sanying Casting Industry

zhongda guanjian

Key Questions Addressed in this Report

What is the 10-year outlook for the global Grooved Crosses market?

What factors are driving Grooved Crosses market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Grooved Crosses market opportunities vary by end market size?

How does Grooved Crosses break out by Type, by Application?

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