

Global Grooved Crosses Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Grooved Crosses market size is expected to reach \$ 714 million by 2032, rising at a market growth of 4.4% CAGR during the forecast period (2026-2032).

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.

This report studies the global Grooved Crosses production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Grooved

Crosses and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Grooved Crosses that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Grooved Crosses total production and demand, 2021-2032, (K Units)

Global Grooved Crosses total production value, 2021-2032, (USD Million)

Global Grooved Crosses production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Grooved Crosses consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Grooved Crosses domestic production, consumption, key domestic manufacturers and share

Global Grooved Crosses production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Grooved Crosses production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Grooved Crosses production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Grooved Crosses market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Viking EMEA, Johnson Controls, Shurjoint, MEIDE GROUP, NAFFCO Flow Control, National Fittings Limited, AVN Manufacturing Company, Shandong Lede Machinery Co.,

Ltd., ATUSA, HT Casting, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Grooved Crosses market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Grooved Crosses Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Grooved Crosses Market, Segmentation by Type:

Equal Grooved Crosses

Reducing Grooved Crosses

Global Grooved Crosses Market, Segmentation by Application:

Fire Protection Systems

HVAC Systems

Industrial Piping Systems

Others

Companies Profiled:

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 Answered:

1. How big is the global Grooved Crosses market?
2. What is the demand of the global Grooved Crosses market?
3. What is the year over year growth of the global Grooved Crosses market?
4. What is the production and production value of the global Grooved Crosses market?
5. Who are the key producers in the global Grooved Crosses market?
6. What are the growth factors driving the market demand?

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