

Global Grooved Crosses Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Grooved Crosses market size was valued at US\$ 530 million in 2025 and is forecast to a readjusted size of US\$ 714 million by 2032 with a CAGR of 4.4% during review period.

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 is a detailed and comprehensive analysis for global Grooved Crosses market. Both quantitative and qualitative analyses are presented by manufacturers, by

region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Grooved Crosses market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Grooved Crosses market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Grooved Crosses market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Grooved Crosses market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Grooved Crosses

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Grooved Crosses market based on the following parameters - company overview, sales quantity, revenue, 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.

Market Segmentation

Grooved Crosses market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Equal Grooved Crosses

Reducing Grooved Crosses

Market segment by Application

Fire Protection Systems

HVAC Systems

Industrial Piping Systems

Others

Major players covered

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

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Grooved Crosses product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Grooved Crosses, with price, sales quantity, revenue, and global market share of Grooved Crosses from 2021 to 2026.

Chapter 3, the Grooved Crosses competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Grooved Crosses breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Grooved Crosses market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Grooved Crosses.

Chapter 14 and 15, to describe Grooved Crosses sales channel, distributors,

customers, research findings and conclusion.

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