

Global Grooved Elbows Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Grooved Elbows market size was valued at US\$ 645 million in 2024 and is forecast to a readjusted size of USD 891 million by 2031 with a CAGR of 4.7% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Grooved elbows are specialized components used in piping systems that serve the crucial function of changing the direction of the flow of fluids within the pipes. These elbows are designed with grooves machined onto their ends, which are precisely engineered to mate with corresponding grooves on the ends of pipes. They are typically fabricated from durable materials such as ductile iron, stainless steel, or other metals, depending on the specific requirements of the application. Once the pipes are positioned within the grooved ends of the elbow, a coupling or clamp is used to secure the connection, creating a tight and reliable joint. Grooved elbows offer several advantages over traditional elbow types, including ease of installation as they do not require complex threading or welding processes. They can also accommodate a certain degree of misalignment between pipes, providing flexibility during installation and operation. Grooved elbows are commonly employed in various industries, such as plumbing, fire protection, HVAC (Heating, Ventilation, and Air Conditioning), and industrial piping systems, where a secure and efficient change in pipe direction is essential for the proper functioning of the overall system.

This report is a detailed and comprehensive analysis for global Grooved Elbows 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 Elbows market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Grooved Elbows market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Grooved Elbows market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Grooved Elbows market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 Elbows

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 Elbows 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 Victaulic, Johnson Controls, Shurjoint(Aalberts integrated piping systems), MEIDE GROUP, Jianzhi, GroovJoint, National Fittings Limited, Rapidrop, Viking EMEA, NAFFCO Flow Control, etc.

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

Market Segmentation

Grooved Elbows market is split by Type and by Application. For the period 2020-2031, 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

90° Grooved Elbow

45° Grooved Elbow

Others

Market segment by Application

Fire Protection Systems

HVAC Systems

Industrial Piping Systems

Others

Major players covered

Victaulic

Johnson Controls

Shurjoint(Aalberts integrated piping systems)

MEIDE GROUP

Jianzhi

GroovJoint

National Fittings Limited

Rapidrop

Viking EMEA

NAFFCO Flow Control

Dixon

CPS Products

Tubes International

Avn Manufacturing

Flamex India Grooved Fittings Pvt. Ltd.

Green Manufacturing Company Limited

Shanghai Vision Mechanical Joint Co., Ltd.

Fluid Tech Group

WEGS (Shanghai) Fluid Technology Co., Ltd

CNG (Hebei DIKAI Piping Products Co., Ltd)

yinuo pipe fitting

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 Elbows product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Grooved Elbows, with price, sales quantity, revenue, and global market share of Grooved Elbows from 2020 to 2025.

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

Chapter 4, the Grooved Elbows breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Grooved Elbows market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Elbows.

Chapter 14 and 15, to describe Grooved Elbows sales channel, distributors, customers, research findings and conclusion.

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