

# **Global Special Steel for Humanoid Robot Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032**

<https://marketpublishers.com/r/G5320CF6F36FEN.html>

Date: June 2026

Pages: 105

Price: US\$ 3,480.00 (Single User License)

ID: G5320CF6F36FEN

## **Abstracts**

According to our (Global Info Research) latest study, the global Special Steel for Humanoid Robot market size was valued at US\$ 313 million in 2025 and is forecast to a readjusted size of US\$ 788 million by 2032 with a CAGR of 14.3% during review period.

Special steel for humanoid robots is a high-performance steel specifically designed for manufacturing humanoid robots, with excellent strength, toughness, corrosion resistance, and lightweight characteristics. This type of steel is commonly used for components such as robot skeletons, joints, and drive systems that require high reliability and durability.

This report is a detailed and comprehensive analysis for global Special Steel for Humanoid Robot 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 Special Steel for Humanoid Robot market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Special Steel for Humanoid Robot market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling

prices (US\$/kg), 2021-2032

Global Special Steel for Humanoid Robot market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Special Steel for Humanoid Robot market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 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 Special Steel for Humanoid Robot

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 Special Steel for Humanoid Robot 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 Daifuku, JFE Steel, Siam Yamato Steel, Guangdong Zhongnan Iron and Steel, Shengtak New Material, Xining Special Steel, Nanjing Iron and Steel, Xingcheng Steel, CITIC, etc.

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

## Market Segmentation

Special Steel for Humanoid Robot 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

50CrM04 Alloy Steel

40Cr Alloy Steel

Gcr15 Bearing Steel

Others

#### Market segment by Application

Planetary Roller Screw

Harmonic Reducer Steel Wheel

Others

#### Major players covered

Daifuku

JFE Steel

Siam Yamato Steel

Guangdong Zhongnan Iron and Steel

Shengtak New Material

Xining Special Steel

Nanjing Iron and Steel

Xingcheng Steel

CITIC

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 Special Steel for Humanoid Robot product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Special Steel for Humanoid Robot, with price, sales quantity, revenue, and global market share of Special Steel for Humanoid Robot from 2021 to 2026.

Chapter 3, the Special Steel for Humanoid Robot competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Special Steel for Humanoid Robot 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 Special Steel for Humanoid Robot 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 Special Steel for Humanoid Robot.

Chapter 14 and 15, to describe Special Steel for Humanoid Robot sales channel, distributors, customers, research findings and conclusion.

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