

# Global Six-dimensional Torque Sensor for Robots Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G659030B6E3BEN.html>

Date: March 2026

Pages: 151

Price: US\$ 3,200.00 (Single User License)

ID: G659030B6E3BEN

## Abstracts

A six-dimensional torque sensor is a sensor device that can simultaneously measure and output information in six dimensions (three force components and three torque components). Specifically, it can measure and output forces ( $F_x$ ,  $F_y$ ,  $F_z$ ) along the three axes of X, Y, and Z and torques ( $M_x$ ,  $M_y$ ,  $M_z$ ) around these three axes in a Cartesian coordinate system. This sensor is usually designed as a compact, rugged and high-precision measuring device and is widely used in situations where precise force and torque measurement is required. Six-dimensional torque sensors play a vital role in humanoid robots, industrial automation, aerospace, biomedical engineering and other fields. They can provide accurate force and torque information to help achieve precise control of robots, optimization of assembly processes, attitude control of aerospace vehicles, and precise measurement of biomedical experiments. This report focuses on the six-dimensional torque sensor for robots market.

The global Six-dimensional Torque Sensor for Robots market size was estimated at USD 506.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 38.00% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Six-dimensional Torque Sensor for Robots market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current

status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Six-dimensional Torque Sensor for Robots market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Six-dimensional Torque Sensor for Robots market.

### **Global Six-dimensional Torque Sensor for Robots Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

ATI  
AMTI  
Bota  
Kistler  
Kunwei Beijing Technology  
Keli Sensing Technology  
Sunrise Instruments  
Guangzhou Haozhi Industrial  
ZEMIC

Hypersen Technologies  
Nanjing Bio-inspired Intelligent Technology  
Right

### **Market Segmentation (by Type)**

Strain Sensors  
Optical Sensors  
Piezoelectric Sensors

### **Market Segmentation (by Application)**

Industrial Robots  
Collaborative Robots  
Surgical Robots

### **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value

In-depth analysis of the Six-dimensional Torque Sensor for Robots Market  
Overview of the regional outlook of the Six-dimensional Torque Sensor for Robots Market:

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Six-dimensional Torque Sensor for Robots Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Six-dimensional Torque Sensor for Robots, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Six-dimensional Torque Sensor for Robots
- 1.2 Key Market Segments
  - 1.2.1 Six-dimensional Torque Sensor for Robots Segment by Type
  - 1.2.2 Six-dimensional Torque Sensor for Robots Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Six-dimensional Torque Sensor for Robots Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Six-dimensional Torque Sensor for Robots Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Six-dimensional Torque Sensor for Robots Product Life Cycle
- 3.3 Global Six-dimensional Torque Sensor for Robots Sales by Manufacturers (2020-2025)
- 3.4 Global Six-dimensional Torque Sensor for Robots Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Six-dimensional Torque Sensor for Robots Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Six-dimensional Torque Sensor for Robots Average Price by Manufacturers (2020-2025)

- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Six-dimensional Torque Sensor for Robots Market Competitive Situation and Trends
  - 3.8.1 Six-dimensional Torque Sensor for Robots Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Six-dimensional Torque Sensor for Robots Players
- Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

## **4 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS INDUSTRY CHAIN ANALYSIS**

- 4.1 Six-dimensional Torque Sensor for Robots Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Six-dimensional Torque Sensor for Robots Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Six-dimensional Torque Sensor for Robots Market
- 5.7 ESG Ratings of Leading Companies

## **6 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Six-dimensional Torque Sensor for Robots Sales Market Share by Type (2020-2025)
- 6.3 Global Six-dimensional Torque Sensor for Robots Market Size by Type (2020-2025)
- 6.4 Global Six-dimensional Torque Sensor for Robots Price by Type (2020-2025)

## **7 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Six-dimensional Torque Sensor for Robots Market Sales by Application (2020-2025)
- 7.3 Global Six-dimensional Torque Sensor for Robots Market Size (M USD) by Application (2020-2025)
- 7.4 Global Six-dimensional Torque Sensor for Robots Sales Growth Rate by Application (2020-2025)

## **8 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET SALES BY REGION**

- 8.1 Global Six-dimensional Torque Sensor for Robots Sales by Region
  - 8.1.1 Global Six-dimensional Torque Sensor for Robots Sales by Region
  - 8.1.2 Global Six-dimensional Torque Sensor for Robots Sales Market Share by Region
- 8.2 Global Six-dimensional Torque Sensor for Robots Market Size by Region
  - 8.2.1 Global Six-dimensional Torque Sensor for Robots Market Size by Region
  - 8.2.2 Global Six-dimensional Torque Sensor for Robots Market Size by Region
- 8.3 North America
  - 8.3.1 North America Six-dimensional Torque Sensor for Robots Sales by Country
  - 8.3.2 North America Six-dimensional Torque Sensor for Robots Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Six-dimensional Torque Sensor for Robots Sales by Country
  - 8.4.2 Europe Six-dimensional Torque Sensor for Robots Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Six-dimensional Torque Sensor for Robots Sales by Region

8.5.2 Asia Pacific Six-dimensional Torque Sensor for Robots Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Six-dimensional Torque Sensor for Robots Sales by Country

8.6.2 South America Six-dimensional Torque Sensor for Robots Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Six-dimensional Torque Sensor for Robots Sales by Region

8.7.2 Middle East and Africa Six-dimensional Torque Sensor for Robots Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

## **9 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET PRODUCTION BY REGION**

9.1 Global Production of Six-dimensional Torque Sensor for Robots by Region(2020-2025)

9.2 Global Six-dimensional Torque Sensor for Robots Revenue Market Share by Region (2020-2025)

9.3 Global Six-dimensional Torque Sensor for Robots Production, Revenue, Price and

## Gross Margin (2020-2025)

### 9.4 North America Six-dimensional Torque Sensor for Robots Production

#### 9.4.1 North America Six-dimensional Torque Sensor for Robots Production Growth Rate (2020-2025)

#### 9.4.2 North America Six-dimensional Torque Sensor for Robots Production, Revenue, Price and Gross Margin (2020-2025)

### 9.5 Europe Six-dimensional Torque Sensor for Robots Production

#### 9.5.1 Europe Six-dimensional Torque Sensor for Robots Production Growth Rate (2020-2025)

#### 9.5.2 Europe Six-dimensional Torque Sensor for Robots Production, Revenue, Price and Gross Margin (2020-2025)

### 9.6 Japan Six-dimensional Torque Sensor for Robots Production (2020-2025)

#### 9.6.1 Japan Six-dimensional Torque Sensor for Robots Production Growth Rate (2020-2025)

#### 9.6.2 Japan Six-dimensional Torque Sensor for Robots Production, Revenue, Price and Gross Margin (2020-2025)

### 9.7 China Six-dimensional Torque Sensor for Robots Production (2020-2025)

#### 9.7.1 China Six-dimensional Torque Sensor for Robots Production Growth Rate (2020-2025)

#### 9.7.2 China Six-dimensional Torque Sensor for Robots Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

### 10.1 ATI

#### 10.1.1 ATI Basic Information

#### 10.1.2 ATI Six-dimensional Torque Sensor for Robots Product Overview

#### 10.1.3 ATI Six-dimensional Torque Sensor for Robots Product Market Performance

#### 10.1.4 ATI Business Overview

#### 10.1.5 ATI SWOT Analysis

#### 10.1.6 ATI Recent Developments

### 10.2 AMTI

#### 10.2.1 AMTI Basic Information

#### 10.2.2 AMTI Six-dimensional Torque Sensor for Robots Product Overview

#### 10.2.3 AMTI Six-dimensional Torque Sensor for Robots Product Market Performance

#### 10.2.4 AMTI Business Overview

#### 10.2.5 AMTI SWOT Analysis

#### 10.2.6 AMTI Recent Developments

### 10.3 Bota

- 10.3.1 Bota Basic Information
- 10.3.2 Bota Six-dimensional Torque Sensor for Robots Product Overview
- 10.3.3 Bota Six-dimensional Torque Sensor for Robots Product Market Performance
- 10.3.4 Bota Business Overview
- 10.3.5 Bota SWOT Analysis
- 10.3.6 Bota Recent Developments
- 10.4 Kistler
  - 10.4.1 Kistler Basic Information
  - 10.4.2 Kistler Six-dimensional Torque Sensor for Robots Product Overview
  - 10.4.3 Kistler Six-dimensional Torque Sensor for Robots Product Market Performance
  - 10.4.4 Kistler Business Overview
  - 10.4.5 Kistler Recent Developments
- 10.5 Kunwei Beijing Technology
  - 10.5.1 Kunwei Beijing Technology Basic Information
  - 10.5.2 Kunwei Beijing Technology Six-dimensional Torque Sensor for Robots Product Overview
  - 10.5.3 Kunwei Beijing Technology Six-dimensional Torque Sensor for Robots Product Market Performance
  - 10.5.4 Kunwei Beijing Technology Business Overview
  - 10.5.5 Kunwei Beijing Technology Recent Developments
- 10.6 Keli Sensing Technolgy
  - 10.6.1 Keli Sensing Technolgy Basic Information
  - 10.6.2 Keli Sensing Technolgy Six-dimensional Torque Sensor for Robots Product Overview
  - 10.6.3 Keli Sensing Technolgy Six-dimensional Torque Sensor for Robots Product Market Performance
  - 10.6.4 Keli Sensing Technolgy Business Overview
  - 10.6.5 Keli Sensing Technolgy Recent Developments
- 10.7 Sunrise Instruments
  - 10.7.1 Sunrise Instruments Basic Information
  - 10.7.2 Sunrise Instruments Six-dimensional Torque Sensor for Robots Product Overview
  - 10.7.3 Sunrise Instruments Six-dimensional Torque Sensor for Robots Product Market Performance
  - 10.7.4 Sunrise Instruments Business Overview
  - 10.7.5 Sunrise Instruments Recent Developments
- 10.8 Guangzhou Haozhi Industrial
  - 10.8.1 Guangzhou Haozhi Industrial Basic Information
  - 10.8.2 Guangzhou Haozhi Industrial Six-dimensional Torque Sensor for Robots

## Product Overview

10.8.3 Guangzhou Haozhi Industrial Six-dimensional Torque Sensor for Robots

## Product Market Performance

10.8.4 Guangzhou Haozhi Industrial Business Overview

10.8.5 Guangzhou Haozhi Industrial Recent Developments

## 10.9 ZEMIC

10.9.1 ZEMIC Basic Information

10.9.2 ZEMIC Six-dimensional Torque Sensor for Robots Product Overview

10.9.3 ZEMIC Six-dimensional Torque Sensor for Robots Product Market Performance

10.9.4 ZEMIC Business Overview

10.9.5 ZEMIC Recent Developments

## 10.10 Hypersen Technologies

10.10.1 Hypersen Technologies Basic Information

10.10.2 Hypersen Technologies Six-dimensional Torque Sensor for Robots Product Overview

10.10.3 Hypersen Technologies Six-dimensional Torque Sensor for Robots Product Market Performance

10.10.4 Hypersen Technologies Business Overview

10.10.5 Hypersen Technologies Recent Developments

## 10.11 Nanjing Bio-inspired Intelligent Technology

10.11.1 Nanjing Bio-inspired Intelligent Technology Basic Information

10.11.2 Nanjing Bio-inspired Intelligent Technology Six-dimensional Torque Sensor for Robots Product Overview

10.11.3 Nanjing Bio-inspired Intelligent Technology Six-dimensional Torque Sensor for Robots Product Market Performance

10.11.4 Nanjing Bio-inspired Intelligent Technology Business Overview

10.11.5 Nanjing Bio-inspired Intelligent Technology Recent Developments

## 10.12 Right

10.12.1 Right Basic Information

10.12.2 Right Six-dimensional Torque Sensor for Robots Product Overview

10.12.3 Right Six-dimensional Torque Sensor for Robots Product Market Performance

10.12.4 Right Business Overview

10.12.5 Right Recent Developments

## **11 SIX-DIMENSIONAL TORQUE SENSOR FOR ROBOTS MARKET FORECAST BY REGION**

11.1 Global Six-dimensional Torque Sensor for Robots Market Size Forecast

11.2 Global Six-dimensional Torque Sensor for Robots Market Forecast by Region

- 11.2.1 North America Market Size Forecast by Country
- 11.2.2 Europe Six-dimensional Torque Sensor for Robots Market Size Forecast by Country
- 11.2.3 Asia Pacific Six-dimensional Torque Sensor for Robots Market Size Forecast by Region
- 11.2.4 South America Six-dimensional Torque Sensor for Robots Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of Six-dimensional Torque Sensor for Robots by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Six-dimensional Torque Sensor for Robots Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Six-dimensional Torque Sensor for Robots by Type (2026-2035)
  - 12.1.2 Global Six-dimensional Torque Sensor for Robots Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Six-dimensional Torque Sensor for Robots by Type (2026-2035)
- 12.2 Global Six-dimensional Torque Sensor for Robots Market Forecast by Application (2026-2035)
  - 12.2.1 Global Six-dimensional Torque Sensor for Robots Sales (K Units) Forecast by Application
  - 12.2.2 Global Six-dimensional Torque Sensor for Robots Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Six-dimensional Torque Sensor for Robots Market Size by Type (M USD)

Table 4. Global Six-dimensional Torque Sensor for Robots Market Size by Application

Table 5. Six-dimensional Torque Sensor for Robots Market Size Comparison by Region (M USD)

Table 6. Global Six-dimensional Torque Sensor for Robots Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Six-dimensional Torque Sensor for Robots Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Six-dimensional Torque Sensor for Robots Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Six-dimensional Torque Sensor for Robots as of 2025)

Table 11. Global Market Six-dimensional Torque Sensor for Robots Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Six-dimensional Torque Sensor for Robots Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Six-dimensional Torque Sensor for Robots Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Six-dimensional Torque Sensor for Robots Sales by Type (K Units)

Table 27. Global Six-dimensional Torque Sensor for Robots Market Size by Type (M USD)

Table 28. Global Six-dimensional Torque Sensor for Robots Sales (K Units) by Type (2020-2025)

Table 29. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Type (2020-2025)

Table 30. Global Six-dimensional Torque Sensor for Robots Market Size (M USD) by Type (2020-2025)

Table 31. Global Six-dimensional Torque Sensor for Robots Market Share by Type (2020-2025)

Table 32. Global Six-dimensional Torque Sensor for Robots Price (USD/Unit) by Type (2020-2025)

Table 33. Global Six-dimensional Torque Sensor for Robots Sales (K Units) by Application

Table 34. Global Six-dimensional Torque Sensor for Robots Market Size by Application

Table 35. Global Six-dimensional Torque Sensor for Robots Sales by Application (2020-2025) & (K Units)

Table 36. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Application (2020-2025)

Table 37. Global Six-dimensional Torque Sensor for Robots Market Size by Application (2020-2025) & (M USD)

Table 38. Global Six-dimensional Torque Sensor for Robots Market Share by Application (2020-2025)

Table 39. Global Six-dimensional Torque Sensor for Robots Sales Growth Rate by Application (2020-2025)

Table 40. Global Six-dimensional Torque Sensor for Robots Sales by Region (2020-2025) & (K Units)

Table 41. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Region (2020-2025)

Table 42. Global Six-dimensional Torque Sensor for Robots Market Size by Region (2020-2025) & (M USD)

Table 43. Global Six-dimensional Torque Sensor for Robots Market Size by Region (2020-2025)

Table 44. North America Six-dimensional Torque Sensor for Robots Sales by Country (2020-2025) & (K Units)

Table 45. North America Six-dimensional Torque Sensor for Robots Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Six-dimensional Torque Sensor for Robots Sales by Country

(2020-2025) & (K Units)

Table 47. Europe Six-dimensional Torque Sensor for Robots Market Size by Country (2020-2025) & (M USD)

Table 48. Asia Pacific Six-dimensional Torque Sensor for Robots Sales by Region (2020-2025) & (K Units)

Table 49. Asia Pacific Six-dimensional Torque Sensor for Robots Market Size by Region (2020-2025) & (M USD)

Table 50. South America Six-dimensional Torque Sensor for Robots Sales by Country (2020-2025) & (K Units)

Table 51. South America Six-dimensional Torque Sensor for Robots Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Six-dimensional Torque Sensor for Robots Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Six-dimensional Torque Sensor for Robots Market Size by Region (2020-2025) & (M USD)

Table 54. Global Six-dimensional Torque Sensor for Robots Production (K Units) by Region(2020-2025)

Table 55. Global Six-dimensional Torque Sensor for Robots Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Six-dimensional Torque Sensor for Robots Revenue Market Share by Region (2020-2025)

Table 57. Global Six-dimensional Torque Sensor for Robots Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Six-dimensional Torque Sensor for Robots Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Six-dimensional Torque Sensor for Robots Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Six-dimensional Torque Sensor for Robots Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Six-dimensional Torque Sensor for Robots Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. ATI Basic Information

Table 63. ATI Six-dimensional Torque Sensor for Robots Product Overview

Table 64. ATI Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. ATI Business Overview

Table 66. ATI SWOT Analysis

Table 67. ATI Recent Developments

Table 68. AMTI Basic Information

- Table 69. AMTI Six-dimensional Torque Sensor for Robots Product Overview
- Table 70. AMTI Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 71. AMTI Business Overview
- Table 72. AMTI SWOT Analysis
- Table 73. AMTI Recent Developments
- Table 74. Bota Basic Information
- Table 75. Bota Six-dimensional Torque Sensor for Robots Product Overview
- Table 76. Bota Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. Bota Business Overview
- Table 78. Bota SWOT Analysis
- Table 79. Bota Recent Developments
- Table 80. Kistler Basic Information
- Table 81. Kistler Six-dimensional Torque Sensor for Robots Product Overview
- Table 82. Kistler Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Kistler Business Overview
- Table 84. Kistler Recent Developments
- Table 85. Kunwei Beijing Technology Basic Information
- Table 86. Kunwei Beijing Technology Six-dimensional Torque Sensor for Robots Product Overview
- Table 87. Kunwei Beijing Technology Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. Kunwei Beijing Technology Business Overview
- Table 89. Kunwei Beijing Technology Recent Developments
- Table 90. Keli Sensing Technolgy Basic Information
- Table 91. Keli Sensing Technolgy Six-dimensional Torque Sensor for Robots Product Overview
- Table 92. Keli Sensing Technolgy Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Keli Sensing Technolgy Business Overview
- Table 94. Keli Sensing Technolgy Recent Developments
- Table 95. Sunrise Instruments Basic Information
- Table 96. Sunrise Instruments Six-dimensional Torque Sensor for Robots Product Overview
- Table 97. Sunrise Instruments Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Sunrise Instruments Business Overview

- Table 99. Sunrise Instruments Recent Developments
- Table 100. Guangzhou Haozhi Industrial Basic Information
- Table 101. Guangzhou Haozhi Industrial Six-dimensional Torque Sensor for Robots Product Overview
- Table 102. Guangzhou Haozhi Industrial Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Guangzhou Haozhi Industrial Business Overview
- Table 104. Guangzhou Haozhi Industrial Recent Developments
- Table 105. ZEMIC Basic Information
- Table 106. ZEMIC Six-dimensional Torque Sensor for Robots Product Overview
- Table 107. ZEMIC Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. ZEMIC Business Overview
- Table 109. ZEMIC Recent Developments
- Table 110. Hypersen Technologies Basic Information
- Table 111. Hypersen Technologies Six-dimensional Torque Sensor for Robots Product Overview
- Table 112. Hypersen Technologies Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Hypersen Technologies Business Overview
- Table 114. Hypersen Technologies Recent Developments
- Table 115. Nanjing Bio-inspired Intelligent Technology Basic Information
- Table 116. Nanjing Bio-inspired Intelligent Technology Six-dimensional Torque Sensor for Robots Product Overview
- Table 117. Nanjing Bio-inspired Intelligent Technology Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Nanjing Bio-inspired Intelligent Technology Business Overview
- Table 119. Nanjing Bio-inspired Intelligent Technology Recent Developments
- Table 120. Right Basic Information
- Table 121. Right Six-dimensional Torque Sensor for Robots Product Overview
- Table 122. Right Six-dimensional Torque Sensor for Robots Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. Right Business Overview
- Table 124. Right Recent Developments
- Table 125. Global Six-dimensional Torque Sensor for Robots Sales Forecast by Region (2026-2035) & (K Units)
- Table 126. Global Six-dimensional Torque Sensor for Robots Market Size Forecast by Region (2026-2035) & (M USD)

Table 127. North America Six-dimensional Torque Sensor for Robots Sales Forecast by Country (2026-2035) & (K Units)

Table 128. North America Six-dimensional Torque Sensor for Robots Market Size Forecast by Country (2026-2035) & (M USD)

Table 129. Europe Six-dimensional Torque Sensor for Robots Sales Forecast by Country (2026-2035) & (K Units)

Table 130. Europe Six-dimensional Torque Sensor for Robots Market Size Forecast by Country (2026-2035) & (M USD)

Table 131. Asia Pacific Six-dimensional Torque Sensor for Robots Sales Forecast by Region (2026-2035) & (K Units)

Table 132. Asia Pacific Six-dimensional Torque Sensor for Robots Market Size Forecast by Region (2026-2035) & (M USD)

Table 133. South America Six-dimensional Torque Sensor for Robots Sales Forecast by Country (2026-2035) & (K Units)

Table 134. South America Six-dimensional Torque Sensor for Robots Market Size Forecast by Country (2026-2035) & (M USD)

Table 135. Middle East and Africa Six-dimensional Torque Sensor for Robots Sales Forecast by Country (2026-2035) & (Units)

Table 136. Middle East and Africa Six-dimensional Torque Sensor for Robots Market Size Forecast by Country (2026-2035) & (M USD)

Table 137. Global Six-dimensional Torque Sensor for Robots Sales Forecast by Type (2026-2035) & (K Units)

Table 138. Global Six-dimensional Torque Sensor for Robots Market Size Forecast by Type (2026-2035) & (M USD)

Table 139. Global Six-dimensional Torque Sensor for Robots Price Forecast by Type (2026-2035) & (USD/Unit)

Table 140. Global Six-dimensional Torque Sensor for Robots Sales (K Units) Forecast by Application (2026-2035)

Table 141. Global Six-dimensional Torque Sensor for Robots Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Six-dimensional Torque Sensor for Robots

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Six-dimensional Torque Sensor for Robots Market Size (M USD), 2025-2035

Figure 5. Global Six-dimensional Torque Sensor for Robots Market Size (M USD) (2020-2035)

Figure 6. Global Six-dimensional Torque Sensor for Robots Sales (K Units) & (2020-2035)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Six-dimensional Torque Sensor for Robots Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Six-dimensional Torque Sensor for Robots Product Life Cycle

Figure 13. Six-dimensional Torque Sensor for Robots Sales Share by Manufacturers in 2025

Figure 14. Global Six-dimensional Torque Sensor for Robots Revenue Share by Manufacturers in 2025

Figure 15. Six-dimensional Torque Sensor for Robots Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025

Figure 16. Global Market Six-dimensional Torque Sensor for Robots Average Price (USD/Unit) of Key Manufacturers in 2025

Figure 17. The Global 5 and 10 Largest Players: Market Share by Six-dimensional Torque Sensor for Robots Revenue in 2025

Figure 18. Industry Chain Map of Six-dimensional Torque Sensor for Robots

Figure 19. Global Six-dimensional Torque Sensor for Robots Market PEST Analysis

Figure 20. Global Six-dimensional Torque Sensor for Robots Market Porter's Five Forces Analysis

Figure 21. Global Merchandise Trade as a Percentage Of GDP

Figure 22. US - Imports of Goods by Country

Figure 23. China Exports by Country

Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 26. Global Six-dimensional Torque Sensor for Robots Market Share by Type

Figure 27. Sales Market Share of Six-dimensional Torque Sensor for Robots by Type (2020-2025)

Figure 28. Sales Market Share of Six-dimensional Torque Sensor for Robots by Type in 2025

Figure 29. Market Share of Six-dimensional Torque Sensor for Robots by Type (2020-2025)

Figure 30. Market Share of Six-dimensional Torque Sensor for Robots by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Six-dimensional Torque Sensor for Robots Market Share by Application

Figure 33. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Application (2020-2025)

Figure 34. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Application in 2025

Figure 35. Global Six-dimensional Torque Sensor for Robots Market Share by Application (2020-2025)

Figure 36. Global Six-dimensional Torque Sensor for Robots Market Share by Application in 2025

Figure 37. Global Six-dimensional Torque Sensor for Robots Sales Growth Rate by Application (2020-2025)

Figure 38. Global Six-dimensional Torque Sensor for Robots Sales Market Share by Region (2020-2025)

Figure 39. Global Six-dimensional Torque Sensor for Robots Market Size by Region (2020-2025)

Figure 40. North America Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Six-dimensional Torque Sensor for Robots Sales Market Share by Country in 2024

Figure 43. North America Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Six-dimensional Torque Sensor for Robots Market Size by Country in 2024

Figure 45. U.S. Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Six-dimensional Torque Sensor for Robots Sales (K Units) and

Growth Rate (2020-2025)

Figure 48. Canada Six-dimensional Torque Sensor for Robots Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Six-dimensional Torque Sensor for Robots Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Six-dimensional Torque Sensor for Robots Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Six-dimensional Torque Sensor for Robots Sales Market Share by Country in 2024

Figure 53. Europe Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Six-dimensional Torque Sensor for Robots Market Size by Country in 2024

Figure 55. Germany Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Six-dimensional Torque Sensor for Robots Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Six-dimensional Torque Sensor for Robots Sales Market Share by Region in 2024

Figure 67. Asia Pacific Six-dimensional Torque Sensor for Robots Market Size by Region in 2024

Figure 68. China Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Six-dimensional Torque Sensor for Robots Sales and Growth Rate (K Units)

Figure 79. South America Six-dimensional Torque Sensor for Robots Sales Market Share by Country in 2024

Figure 80. South America Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (M USD)

Figure 81. South America Six-dimensional Torque Sensor for Robots Market Size by Country in 2024

Figure 82. Brazil Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Six-dimensional Torque Sensor for Robots Sales and Growth Rate

(2020-2025) & (K Units)

Figure 87. Columbia Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Six-dimensional Torque Sensor for Robots Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Six-dimensional Torque Sensor for Robots Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Six-dimensional Torque Sensor for Robots Market Size by Region in 2024

Figure 92. Saudi Arabia Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Six-dimensional Torque Sensor for Robots Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Six-dimensional Torque Sensor for Robots Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Six-dimensional Torque Sensor for Robots Production Market Share by Region (2020-2025)

Figure 103. North America Six-dimensional Torque Sensor for Robots Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Six-dimensional Torque Sensor for Robots Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Six-dimensional Torque Sensor for Robots Production (K Units) Growth Rate (2020-2025)

Figure 106. China Six-dimensional Torque Sensor for Robots Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Six-dimensional Torque Sensor for Robots Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Six-dimensional Torque Sensor for Robots Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Six-dimensional Torque Sensor for Robots Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Six-dimensional Torque Sensor for Robots Market Share Forecast by Type (2026-2035)

Figure 111. Global Six-dimensional Torque Sensor for Robots Sales Forecast by Application (2026-2035)

Figure 112. Global Six-dimensional Torque Sensor for Robots Market Share Forecast by Application (2026-2035)

## I would like to order

Product name: Global Six-dimensional Torque Sensor for Robots Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G659030B6E3BEN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G659030B6E3BEN.html>