

# Global Dexterous Hand Springs Market Growth 2026-2032

<https://marketpublishers.com/r/G4391338C115EN.html>

Date: May 2026

Pages: 127

Price: US\$ 3,660.00 (Single User License)

ID: G4391338C115EN

## Abstracts

The global Dexterous Hand Springs market size is predicted to grow from US\$ 70.92 million in 2025 to US\$ 809 million in 2032; it is expected to grow at a CAGR of 41.8% from 2026 to 2032.

Dexterous hand springs are key mechanical components used in robotic hands, bionic hands, or multi-degree-of-freedom manipulators. They are primarily used to store and release mechanical energy, achieve finger joint flexibility, torque compensation, and precise motion control. They mimic the elastic properties of human hand tendons, ligaments, and muscles, making robotic hands more natural, precise, and controllable in grasping, rotating, pinching, and collaborative operations. Dexterous hand springs typically require high fatigue life, high reliability, fast response, and fine adjustment capabilities to meet the demands of micro-motion and multi-degree-of-freedom operations. In 2025, the global production capacity of dexterous hand springs was approximately 12.5 million units, with a unit price of approximately US\$5.8 per unit. The industry's gross profit margin is generally between 20% and 35%, and the annual production capacity of individual companies is around 100,000 units.

With the continuous breakthroughs in the application of humanoid robots in service industries, collaborative manufacturing, medical rehabilitation, and hazardous environments, the demand for precision elastic components in robot systems is rapidly increasing. Humanoid robots require complex joint movements, high-frequency vibration damping, and energy recovery capabilities when performing tasks, thus placing higher performance demands on spring components. Traditional industrial springs, limited by their non-adjustable stiffness, insufficient fatigue life, and poor dynamic performance, are unable to meet the needs of next-generation robot systems, creating a vast market space for high-performance robot springs. Simultaneously, advancements in materials

science, computer-aided design and manufacturing technologies, and high-precision machining processes have enabled spring design to achieve adjustable stiffness, nonlinear load response, and optimized load distribution, significantly improving robot joint performance and durability. Furthermore, with the development of third-generation robot joint drive systems, keyed cable technology may gradually replace traditional spring technology, becoming a new trend in joint drive systems. This technological innovation will further improve system flexibility and accuracy, reduce mechanical complexity and energy loss, and may have a certain impact on the traditional spring market. Despite the broad market prospects, the humanoid robot spring market also faces challenges. First, as a crucial component of robot transmission systems, springs directly impact system stability and reliability, resulting in extremely high manufacturing standards and significant supply chain barriers. High-end robot springs typically require complex geometric designs, precision heat treatment, and rigorous fatigue testing, leading to high R&D and manufacturing thresholds and significant challenges in large-scale production. Second, the global robot application market is significantly influenced by macroeconomic cycles, industrial policies, and the pace of capital investment. Especially given the financial pressures faced by emerging robot companies, they are more cautious in their procurement decisions for core components. Furthermore, price fluctuations in spring materials (such as high-strength alloys and shape memory alloys) also disrupt costs. From a downstream demand perspective, the application of springs in humanoid robots is accelerating from experimental R&D to pilot production and industrialization. In industrial manufacturing automation, high-performance spring combinations are crucial components in robot joints and transmission chains, enhancing accuracy and response speed. In service robots, springs are used for leg support, energy recovery, and cushioning structures, reducing power system load and energy consumption. In medical rehabilitation robots, dual-lever spring systems optimize joint compliance and human-robot interaction safety. Furthermore, with the emergence of third-generation joint actuation solutions, keyed-wire actuation technology may gradually replace traditional spring designs, especially in the field of biomimetic robots requiring high compliance and precise motion control. Compared to springs, keyed-wire technology offers higher degrees of freedom and more precise control while avoiding the fatigue problems of traditional springs. In the coming years, with the large-scale deployment of humanoid robots and the expansion of high-end applications, the market demand for springs as core transmission and buffering components is expected to continue to grow, but the trend of keyed-wire replacing springs may impact the market structure.

LP Information, Inc. (LPI) ' newest research report, the "Dexterous Hand Springs Industry Forecast" looks at past sales and reviews total world Dexterous Hand Springs

sales in 2025, providing a comprehensive analysis by region and market sector of projected Dexterous Hand Springs sales for 2026 through 2032. With Dexterous Hand Springs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Dexterous Hand Springs industry.

This Insight Report provides a comprehensive analysis of the global Dexterous Hand Springs landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Dexterous Hand Springs portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Dexterous Hand Springs market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Dexterous Hand Springs and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Dexterous Hand Springs.

This report presents a comprehensive overview, market shares, and growth opportunities of Dexterous Hand Springs market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Tension Spring

Compression Spring

Torsion Spring

Wave Spring

Disc Spring

Snap Ring

### Segmentation by Material:

Chromium Alloy

Nickel-Titanium Alloy

Other

### Segmentation by Channel:

Direct Selling

Distribution

### Segmentation by Application:

Robotic Hand

Humanoid Hand

### This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

John Evans' Sons

Newcomb Spring

Lee Spring

Kern Liebers

Vulcan Spring

Mario Schaaf GmbH & Co. KG

Associated Spring

Acess Spring

Katy Spring

European Springs

Myers Spring

Tokai Spring industries, Inc.

Lesjofors Group

Hwaway Technology Corporation

Freewon China Co.,Ltd.

Zhejiang Meili High Technology Co.,Ltd.

## **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Dexterous Hand Springs market?

What factors are driving Dexterous Hand Springs market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Dexterous Hand Springs market opportunities vary by end market size?

How does Dexterous Hand Springs break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Dexterous Hand Springs Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Dexterous Hand Springs by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Dexterous Hand Springs by Country/Region, 2021, 2025 & 2032

#### 2.2 Dexterous Hand Springs Segment by Type

- 2.2.1 Tension Spring
- 2.2.2 Compression Spring
- 2.2.3 Torsion Spring
- 2.2.4 Wave Spring
- 2.2.5 Disc Spring
- 2.2.6 Snap Ring
- 2.2.7 Dexterous Hand Springs Sales by Type
  - 2.2.7.1 Global Dexterous Hand Springs Sales Market Share by Type (2021-2026)
  - 2.2.7.2 Global Dexterous Hand Springs Revenue and Market Share by Type (2021-2026)
  - 2.2.7.3 Global Dexterous Hand Springs Sale Price by Type (2021-2026)

#### 2.3 Dexterous Hand Springs Segment by Material

- 2.3.1 Chromium Alloy
- 2.3.2 Nickel-Titanium Alloy
- 2.3.3 Other
- 2.3.4 Dexterous Hand Springs Sales by Material
  - 2.3.4.1 Global Dexterous Hand Springs Sales Market Share by Material (2021-2026)

2.3.4.2 Global Dexterous Hand Springs Revenue and Market Share by Material (2021-2026)

2.3.4.3 Global Dexterous Hand Springs Sale Price by Material (2021-2026)

2.4 Dexterous Hand Springs Segment by Channel

2.4.1 Direct Selling

2.4.2 Distribution

2.4.3 Dexterous Hand Springs Sales by Channel

2.4.3.1 Global Dexterous Hand Springs Sales Market Share by Channel (2021-2026)

2.4.3.2 Global Dexterous Hand Springs Revenue and Market Share by Channel (2021-2026)

2.4.3.3 Global Dexterous Hand Springs Sale Price by Channel (2021-2026)

2.5 Dexterous Hand Springs Segment by Application

2.5.1 Robotic Hand

2.5.2 Humanoid Hand

2.5.3 Dexterous Hand Springs Sales by Application

2.5.3.1 Global Dexterous Hand Springs Sale Market Share by Application (2021-2026)

2.5.3.2 Global Dexterous Hand Springs Revenue and Market Share by Application (2021-2026)

2.5.3.3 Global Dexterous Hand Springs Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global Dexterous Hand Springs Breakdown Data by Company

3.1.1 Global Dexterous Hand Springs Annual Sales by Company (2021-2026)

3.1.2 Global Dexterous Hand Springs Sales Market Share by Company (2021-2026)

3.2 Global Dexterous Hand Springs Annual Revenue by Company (2021-2026)

3.2.1 Global Dexterous Hand Springs Revenue by Company (2021-2026)

3.2.2 Global Dexterous Hand Springs Revenue Market Share by Company (2021-2026)

3.3 Global Dexterous Hand Springs Sale Price by Company

3.4 Key Manufacturers Dexterous Hand Springs Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Dexterous Hand Springs Product Location Distribution

3.4.2 Players Dexterous Hand Springs Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

### 3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR DEXTEROUS HAND SPRINGS BY GEOGRAPHIC REGION**

### 4.1 World Historic Dexterous Hand Springs Market Size by Geographic Region (2021-2026)

#### 4.1.1 Global Dexterous Hand Springs Annual Sales by Geographic Region (2021-2026)

#### 4.1.2 Global Dexterous Hand Springs Annual Revenue by Geographic Region (2021-2026)

### 4.2 World Historic Dexterous Hand Springs Market Size by Country/Region (2021-2026)

#### 4.2.1 Global Dexterous Hand Springs Annual Sales by Country/Region (2021-2026)

#### 4.2.2 Global Dexterous Hand Springs Annual Revenue by Country/Region (2021-2026)

### 4.3 Americas Dexterous Hand Springs Sales Growth

### 4.4 APAC Dexterous Hand Springs Sales Growth

### 4.5 Europe Dexterous Hand Springs Sales Growth

### 4.6 Middle East & Africa Dexterous Hand Springs Sales Growth

## **5 AMERICAS**

### 5.1 Americas Dexterous Hand Springs Sales by Country

#### 5.1.1 Americas Dexterous Hand Springs Sales by Country (2021-2026)

#### 5.1.2 Americas Dexterous Hand Springs Revenue by Country (2021-2026)

### 5.2 Americas Dexterous Hand Springs Sales by Type (2021-2026)

### 5.3 Americas Dexterous Hand Springs Sales by Application (2021-2026)

### 5.4 United States

### 5.5 Canada

### 5.6 Mexico

### 5.7 Brazil

## **6 APAC**

### 6.1 APAC Dexterous Hand Springs Sales by Region

#### 6.1.1 APAC Dexterous Hand Springs Sales by Region (2021-2026)

#### 6.1.2 APAC Dexterous Hand Springs Revenue by Region (2021-2026)

### 6.2 APAC Dexterous Hand Springs Sales by Type (2021-2026)

### 6.3 APAC Dexterous Hand Springs Sales by Application (2021-2026)

- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Dexterous Hand Springs by Country
  - 7.1.1 Europe Dexterous Hand Springs Sales by Country (2021-2026)
  - 7.1.2 Europe Dexterous Hand Springs Revenue by Country (2021-2026)
- 7.2 Europe Dexterous Hand Springs Sales by Type (2021-2026)
- 7.3 Europe Dexterous Hand Springs Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Dexterous Hand Springs by Country
  - 8.1.1 Middle East & Africa Dexterous Hand Springs Sales by Country (2021-2026)
  - 8.1.2 Middle East & Africa Dexterous Hand Springs Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Dexterous Hand Springs Sales by Type (2021-2026)
- 8.3 Middle East & Africa Dexterous Hand Springs Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Dexterous Hand Springs
- 10.3 Manufacturing Process Analysis of Dexterous Hand Springs
- 10.4 Industry Chain Structure of Dexterous Hand Springs

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Dexterous Hand Springs Distributors
- 11.3 Dexterous Hand Springs Customer

## **12 WORLD FORECAST REVIEW FOR DEXTEROUS HAND SPRINGS BY GEOGRAPHIC REGION**

- 12.1 Global Dexterous Hand Springs Market Size Forecast by Region
  - 12.1.1 Global Dexterous Hand Springs Forecast by Region (2027-2032)
  - 12.1.2 Global Dexterous Hand Springs Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Dexterous Hand Springs Forecast by Type (2027-2032)
- 12.7 Global Dexterous Hand Springs Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

- 13.1 John Evans' Sons
  - 13.1.1 John Evans' Sons Company Information
  - 13.1.2 John Evans' Sons Dexterous Hand Springs Product Portfolios and Specifications
  - 13.1.3 John Evans' Sons Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.1.4 John Evans' Sons Main Business Overview

- 13.1.5 John Evans' Sons Latest Developments
- 13.2 Newcomb Spring
  - 13.2.1 Newcomb Spring Company Information
  - 13.2.2 Newcomb Spring Dexterous Hand Springs Product Portfolios and Specifications
  - 13.2.3 Newcomb Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.2.4 Newcomb Spring Main Business Overview
  - 13.2.5 Newcomb Spring Latest Developments
- 13.3 Lee Spring
  - 13.3.1 Lee Spring Company Information
  - 13.3.2 Lee Spring Dexterous Hand Springs Product Portfolios and Specifications
  - 13.3.3 Lee Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.3.4 Lee Spring Main Business Overview
  - 13.3.5 Lee Spring Latest Developments
- 13.4 Kern Liebers
  - 13.4.1 Kern Liebers Company Information
  - 13.4.2 Kern Liebers Dexterous Hand Springs Product Portfolios and Specifications
  - 13.4.3 Kern Liebers Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.4.4 Kern Liebers Main Business Overview
  - 13.4.5 Kern Liebers Latest Developments
- 13.5 Vulcan Spring
  - 13.5.1 Vulcan Spring Company Information
  - 13.5.2 Vulcan Spring Dexterous Hand Springs Product Portfolios and Specifications
  - 13.5.3 Vulcan Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.5.4 Vulcan Spring Main Business Overview
  - 13.5.5 Vulcan Spring Latest Developments
- 13.6 Mario Schaaf GmbH & Co. KG
  - 13.6.1 Mario Schaaf GmbH & Co. KG Company Information
  - 13.6.2 Mario Schaaf GmbH & Co. KG Dexterous Hand Springs Product Portfolios and Specifications
  - 13.6.3 Mario Schaaf GmbH & Co. KG Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.6.4 Mario Schaaf GmbH & Co. KG Main Business Overview
  - 13.6.5 Mario Schaaf GmbH & Co. KG Latest Developments
- 13.7 Associated Spring
  - 13.7.1 Associated Spring Company Information

- 13.7.2 Associated Spring Dexterous Hand Springs Product Portfolios and Specifications
- 13.7.3 Associated Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.7.4 Associated Spring Main Business Overview
- 13.7.5 Associated Spring Latest Developments
- 13.8 Access Spring
  - 13.8.1 Access Spring Company Information
  - 13.8.2 Access Spring Dexterous Hand Springs Product Portfolios and Specifications
  - 13.8.3 Access Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 Access Spring Main Business Overview
  - 13.8.5 Access Spring Latest Developments
- 13.9 Katy Spring
  - 13.9.1 Katy Spring Company Information
  - 13.9.2 Katy Spring Dexterous Hand Springs Product Portfolios and Specifications
  - 13.9.3 Katy Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.9.4 Katy Spring Main Business Overview
  - 13.9.5 Katy Spring Latest Developments
- 13.10 European Springs
  - 13.10.1 European Springs Company Information
  - 13.10.2 European Springs Dexterous Hand Springs Product Portfolios and Specifications
  - 13.10.3 European Springs Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.10.4 European Springs Main Business Overview
  - 13.10.5 European Springs Latest Developments
- 13.11 Myers Spring
  - 13.11.1 Myers Spring Company Information
  - 13.11.2 Myers Spring Dexterous Hand Springs Product Portfolios and Specifications
  - 13.11.3 Myers Spring Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.11.4 Myers Spring Main Business Overview
  - 13.11.5 Myers Spring Latest Developments
- 13.12 Tokai Spring industries, Inc.
  - 13.12.1 Tokai Spring industries, Inc. Company Information
  - 13.12.2 Tokai Spring industries, Inc. Dexterous Hand Springs Product Portfolios and Specifications

13.12.3 Tokai Spring industries, Inc. Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Tokai Spring industries, Inc. Main Business Overview

13.12.5 Tokai Spring industries, Inc. Latest Developments

13.13 Lesjofors Group

13.13.1 Lesjofors Group Company Information

13.13.2 Lesjofors Group Dexterous Hand Springs Product Portfolios and Specifications

13.13.3 Lesjofors Group Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Lesjofors Group Main Business Overview

13.13.5 Lesjofors Group Latest Developments

13.14 Hwaway Technology Corporation

13.14.1 Hwaway Technology Corporation Company Information

13.14.2 Hwaway Technology Corporation Dexterous Hand Springs Product Portfolios and Specifications

13.14.3 Hwaway Technology Corporation Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Hwaway Technology Corporation Main Business Overview

13.14.5 Hwaway Technology Corporation Latest Developments

13.15 Freewon China Co.,Ltd.

13.15.1 Freewon China Co.,Ltd. Company Information

13.15.2 Freewon China Co.,Ltd. Dexterous Hand Springs Product Portfolios and Specifications

13.15.3 Freewon China Co.,Ltd. Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Freewon China Co.,Ltd. Main Business Overview

13.15.5 Freewon China Co.,Ltd. Latest Developments

13.16 Zhejiang Meili High Technology Co.,Ltd.

13.16.1 Zhejiang Meili High Technology Co.,Ltd. Company Information

13.16.2 Zhejiang Meili High Technology Co.,Ltd. Dexterous Hand Springs Product Portfolios and Specifications

13.16.3 Zhejiang Meili High Technology Co.,Ltd. Dexterous Hand Springs Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Zhejiang Meili High Technology Co.,Ltd. Main Business Overview

13.16.5 Zhejiang Meili High Technology Co.,Ltd. Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**



## List Of Tables

### LIST OF TABLES

- Table 1. Dexterous Hand Springs Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Dexterous Hand Springs Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Tension Spring
- Table 4. Major Players of Compression Spring
- Table 5. Major Players of Torsion Spring
- Table 6. Major Players of Wave Spring
- Table 7. Major Players of Disc Spring
- Table 8. Major Players of Snap Ring
- Table 9. Global Dexterous Hand Springs Sales by Type (2021-2026) & (K Units)
- Table 10. Global Dexterous Hand Springs Sales Market Share by Type (2021-2026)
- Table 11. Global Dexterous Hand Springs Revenue by Type (2021-2026) & (\$ million)
- Table 12. Global Dexterous Hand Springs Revenue Market Share by Type (2021-2026)
- Table 13. Global Dexterous Hand Springs Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 14. Major Players of Chromium Alloy
- Table 15. Major Players of Nickel-Titanium Alloy
- Table 16. Major Players of Other
- Table 17. Global Dexterous Hand Springs Sales by Material (2021-2026) & (K Units)
- Table 18. Global Dexterous Hand Springs Sales Market Share by Material (2021-2026)
- Table 19. Global Dexterous Hand Springs Revenue by Material (2021-2026) & (\$ million)
- Table 20. Global Dexterous Hand Springs Revenue Market Share by Material (2021-2026)
- Table 21. Global Dexterous Hand Springs Sale Price by Material (2021-2026) & (US\$/Unit)
- Table 22. Major Players of Direct Selling
- Table 23. Major Players of Distribution
- Table 24. Global Dexterous Hand Springs Sales by Channel (2021-2026) & (K Units)
- Table 25. Global Dexterous Hand Springs Sales Market Share by Channel (2021-2026)
- Table 26. Global Dexterous Hand Springs Revenue by Channel (2021-2026) & (\$ million)
- Table 27. Global Dexterous Hand Springs Revenue Market Share by Channel (2021-2026)
- Table 28. Global Dexterous Hand Springs Sale Price by Channel (2021-2026) &

(US\$/Unit)

Table 29. Global Dexterous Hand Springs Sale by Application (2021-2026) & (K Units)

Table 30. Global Dexterous Hand Springs Sale Market Share by Application (2021-2026)

Table 31. Global Dexterous Hand Springs Revenue by Application (2021-2026) & (\$ million)

Table 32. Global Dexterous Hand Springs Revenue Market Share by Application (2021-2026)

Table 33. Global Dexterous Hand Springs Sale Price by Application (2021-2026) & (US\$/Unit)

Table 34. Global Dexterous Hand Springs Sales by Company (2021-2026) & (K Units)

Table 35. Global Dexterous Hand Springs Sales Market Share by Company (2021-2026)

Table 36. Global Dexterous Hand Springs Revenue by Company (2021-2026) & (\$ millions)

Table 37. Global Dexterous Hand Springs Revenue Market Share by Company (2021-2026)

Table 38. Global Dexterous Hand Springs Sale Price by Company (2021-2026) & (US\$/Unit)

Table 39. Key Manufacturers Dexterous Hand Springs Producing Area Distribution and Sales Area

Table 40. Players Dexterous Hand Springs Products Offered

Table 41. Dexterous Hand Springs Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 42. New Products and Potential Entrants

Table 43. Market M&A Activity & Strategy

Table 44. Global Dexterous Hand Springs Sales by Geographic Region (2021-2026) & (K Units)

Table 45. Global Dexterous Hand Springs Sales Market Share Geographic Region (2021-2026)

Table 46. Global Dexterous Hand Springs Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 47. Global Dexterous Hand Springs Revenue Market Share by Geographic Region (2021-2026)

Table 48. Global Dexterous Hand Springs Sales by Country/Region (2021-2026) & (K Units)

Table 49. Global Dexterous Hand Springs Sales Market Share by Country/Region (2021-2026)

Table 50. Global Dexterous Hand Springs Revenue by Country/Region (2021-2026) &

(\$ millions)

Table 51. Global Dexterous Hand Springs Revenue Market Share by Country/Region (2021-2026)

Table 52. Americas Dexterous Hand Springs Sales by Country (2021-2026) & (K Units)

Table 53. Americas Dexterous Hand Springs Sales Market Share by Country (2021-2026)

Table 54. Americas Dexterous Hand Springs Revenue by Country (2021-2026) & (\$ millions)

Table 55. Americas Dexterous Hand Springs Sales by Type (2021-2026) & (K Units)

Table 56. Americas Dexterous Hand Springs Sales by Application (2021-2026) & (K Units)

Table 57. APAC Dexterous Hand Springs Sales by Region (2021-2026) & (K Units)

Table 58. APAC Dexterous Hand Springs Sales Market Share by Region (2021-2026)

Table 59. APAC Dexterous Hand Springs Revenue by Region (2021-2026) & (\$ millions)

Table 60. APAC Dexterous Hand Springs Sales by Type (2021-2026) & (K Units)

Table 61. APAC Dexterous Hand Springs Sales by Application (2021-2026) & (K Units)

Table 62. Europe Dexterous Hand Springs Sales by Country (2021-2026) & (K Units)

Table 63. Europe Dexterous Hand Springs Revenue by Country (2021-2026) & (\$ millions)

Table 64. Europe Dexterous Hand Springs Sales by Type (2021-2026) & (K Units)

Table 65. Europe Dexterous Hand Springs Sales by Application (2021-2026) & (K Units)

Table 66. Middle East & Africa Dexterous Hand Springs Sales by Country (2021-2026) & (K Units)

Table 67. Middle East & Africa Dexterous Hand Springs Revenue Market Share by Country (2021-2026)

Table 68. Middle East & Africa Dexterous Hand Springs Sales by Type (2021-2026) & (K Units)

Table 69. Middle East & Africa Dexterous Hand Springs Sales by Application (2021-2026) & (K Units)

Table 70. Key Market Drivers & Growth Opportunities of Dexterous Hand Springs

Table 71. Key Market Challenges & Risks of Dexterous Hand Springs

Table 72. Key Industry Trends of Dexterous Hand Springs

Table 73. Dexterous Hand Springs Raw Material

Table 74. Key Suppliers of Raw Materials

Table 75. Dexterous Hand Springs Distributors List

Table 76. Dexterous Hand Springs Customer List

Table 77. Global Dexterous Hand Springs Sales Forecast by Region (2027-2032) & (K Units)

- Table 78. Global Dexterous Hand Springs Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 79. Americas Dexterous Hand Springs Sales Forecast by Country (2027-2032) & (K Units)
- Table 80. Americas Dexterous Hand Springs Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 81. APAC Dexterous Hand Springs Sales Forecast by Region (2027-2032) & (K Units)
- Table 82. APAC Dexterous Hand Springs Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 83. Europe Dexterous Hand Springs Sales Forecast by Country (2027-2032) & (K Units)
- Table 84. Europe Dexterous Hand Springs Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 85. Middle East & Africa Dexterous Hand Springs Sales Forecast by Country (2027-2032) & (K Units)
- Table 86. Middle East & Africa Dexterous Hand Springs Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 87. Global Dexterous Hand Springs Sales Forecast by Type (2027-2032) & (K Units)
- Table 88. Global Dexterous Hand Springs Revenue Forecast by Type (2027-2032) & (\$ millions)
- Table 89. Global Dexterous Hand Springs Sales Forecast by Application (2027-2032) & (K Units)
- Table 90. Global Dexterous Hand Springs Revenue Forecast by Application (2027-2032) & (\$ millions)
- Table 91. John Evans' Sons Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 92. John Evans' Sons Dexterous Hand Springs Product Portfolios and Specifications
- Table 93. John Evans' Sons Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 94. John Evans' Sons Main Business
- Table 95. John Evans' Sons Latest Developments
- Table 96. Newcomb Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 97. Newcomb Spring Dexterous Hand Springs Product Portfolios and Specifications
- Table 98. Newcomb Spring Dexterous Hand Springs Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 99. Newcomb Spring Main Business

Table 100. Newcomb Spring Latest Developments

Table 101. Lee Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 102. Lee Spring Dexterous Hand Springs Product Portfolios and Specifications

Table 103. Lee Spring Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 104. Lee Spring Main Business

Table 105. Lee Spring Latest Developments

Table 106. Kern Liebers Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 107. Kern Liebers Dexterous Hand Springs Product Portfolios and Specifications

Table 108. Kern Liebers Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 109. Kern Liebers Main Business

Table 110. Kern Liebers Latest Developments

Table 111. Vulcan Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 112. Vulcan Spring Dexterous Hand Springs Product Portfolios and Specifications

Table 113. Vulcan Spring Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 114. Vulcan Spring Main Business

Table 115. Vulcan Spring Latest Developments

Table 116. Mario Schaaf GmbH & Co. KG Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 117. Mario Schaaf GmbH & Co. KG Dexterous Hand Springs Product Portfolios and Specifications

Table 118. Mario Schaaf GmbH & Co. KG Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 119. Mario Schaaf GmbH & Co. KG Main Business

Table 120. Mario Schaaf GmbH & Co. KG Latest Developments

Table 121. Associated Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 122. Associated Spring Dexterous Hand Springs Product Portfolios and Specifications

Table 123. Associated Spring Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 124. Associated Spring Main Business

- Table 125. Associated Spring Latest Developments
- Table 126. Access Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 127. Access Spring Dexterous Hand Springs Product Portfolios and Specifications
- Table 128. Access Spring Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 129. Access Spring Main Business
- Table 130. Access Spring Latest Developments
- Table 131. Katy Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 132. Katy Spring Dexterous Hand Springs Product Portfolios and Specifications
- Table 133. Katy Spring Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 134. Katy Spring Main Business
- Table 135. Katy Spring Latest Developments
- Table 136. European Springs Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 137. European Springs Dexterous Hand Springs Product Portfolios and Specifications
- Table 138. European Springs Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 139. European Springs Main Business
- Table 140. European Springs Latest Developments
- Table 141. Myers Spring Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 142. Myers Spring Dexterous Hand Springs Product Portfolios and Specifications
- Table 143. Myers Spring Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 144. Myers Spring Main Business
- Table 145. Myers Spring Latest Developments
- Table 146. Tokai Spring industries, Inc. Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors
- Table 147. Tokai Spring industries, Inc. Dexterous Hand Springs Product Portfolios and Specifications
- Table 148. Tokai Spring industries, Inc. Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 149. Tokai Spring industries, Inc. Main Business
- Table 150. Tokai Spring industries, Inc. Latest Developments

Table 151. Lesjofors Group Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 152. Lesjofors Group Dexterous Hand Springs Product Portfolios and Specifications

Table 153. Lesjofors Group Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 154. Lesjofors Group Main Business

Table 155. Lesjofors Group Latest Developments

Table 156. Hwaway Technology Corporation Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 157. Hwaway Technology Corporation Dexterous Hand Springs Product Portfolios and Specifications

Table 158. Hwaway Technology Corporation Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 159. Hwaway Technology Corporation Main Business

Table 160. Hwaway Technology Corporation Latest Developments

Table 161. Freewon China Co.,Ltd. Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 162. Freewon China Co.,Ltd. Dexterous Hand Springs Product Portfolios and Specifications

Table 163. Freewon China Co.,Ltd. Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 164. Freewon China Co.,Ltd. Main Business

Table 165. Freewon China Co.,Ltd. Latest Developments

Table 166. Zhejiang Meili High Technology Co.,Ltd. Basic Information, Dexterous Hand Springs Manufacturing Base, Sales Area and Its Competitors

Table 167. Zhejiang Meili High Technology Co.,Ltd. Dexterous Hand Springs Product Portfolios and Specifications

Table 168. Zhejiang Meili High Technology Co.,Ltd. Dexterous Hand Springs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 169. Zhejiang Meili High Technology Co.,Ltd. Main Business

Table 170. Zhejiang Meili High Technology Co.,Ltd. Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Dexterous Hand Springs
- Figure 2. Dexterous Hand Springs Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Dexterous Hand Springs Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Dexterous Hand Springs Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Dexterous Hand Springs Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Dexterous Hand Springs Sales Market Share by Country/Region (2025)
- Figure 10. Dexterous Hand Springs Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Tension Spring
- Figure 12. Product Picture of Compression Spring
- Figure 13. Product Picture of Torsion Spring
- Figure 14. Product Picture of Wave Spring
- Figure 15. Product Picture of Disc Spring
- Figure 16. Product Picture of Snap Ring
- Figure 17. Global Dexterous Hand Springs Sales Market Share by Type in 2026
- Figure 18. Global Dexterous Hand Springs Revenue Market Share by Type (2021-2026)
- Figure 19. Product Picture of Chromium Alloy
- Figure 20. Product Picture of Nickel-Titanium Alloy
- Figure 21. Product Picture of Other
- Figure 22. Global Dexterous Hand Springs Sales Market Share by Material in 2026
- Figure 23. Global Dexterous Hand Springs Revenue Market Share by Material (2021-2026)
- Figure 24. Product Picture of Direct Selling
- Figure 25. Product Picture of Distribution
- Figure 26. Global Dexterous Hand Springs Sales Market Share by Channel in 2026
- Figure 27. Global Dexterous Hand Springs Revenue Market Share by Channel (2021-2026)
- Figure 28. Dexterous Hand Springs Consumed in Robotic Hand
- Figure 29. Global Dexterous Hand Springs Market: Robotic Hand (2021-2026) & (K Units)
- Figure 30. Dexterous Hand Springs Consumed in Humanoid Hand

Figure 31. Global Dexterous Hand Springs Market: Humanoid Hand (2021-2026) & (K Units)

Figure 32. Global Dexterous Hand Springs Sale Market Share by Application (2025)

Figure 33. Global Dexterous Hand Springs Revenue Market Share by Application in 2025

Figure 34. Dexterous Hand Springs Sales by Company in 2025 (K Units)

Figure 35. Global Dexterous Hand Springs Sales Market Share by Company in 2025

Figure 36. Dexterous Hand Springs Revenue by Company in 2025 (\$ millions)

Figure 37. Global Dexterous Hand Springs Revenue Market Share by Company in 2025

Figure 38. Global Dexterous Hand Springs Sales Market Share by Geographic Region (2021-2026)

Figure 39. Global Dexterous Hand Springs Revenue Market Share by Geographic Region in 2025

Figure 40. Americas Dexterous Hand Springs Sales 2021-2026 (K Units)

Figure 41. Americas Dexterous Hand Springs Revenue 2021-2026 (\$ millions)

Figure 42. APAC Dexterous Hand Springs Sales 2021-2026 (K Units)

Figure 43. APAC Dexterous Hand Springs Revenue 2021-2026 (\$ millions)

Figure 44. Europe Dexterous Hand Springs Sales 2021-2026 (K Units)

Figure 45. Europe Dexterous Hand Springs Revenue 2021-2026 (\$ millions)

Figure 46. Middle East & Africa Dexterous Hand Springs Sales 2021-2026 (K Units)

Figure 47. Middle East & Africa Dexterous Hand Springs Revenue 2021-2026 (\$ millions)

Figure 48. Americas Dexterous Hand Springs Sales Market Share by Country in 2025

Figure 49. Americas Dexterous Hand Springs Revenue Market Share by Country (2021-2026)

Figure 50. Americas Dexterous Hand Springs Sales Market Share by Type (2021-2026)

Figure 51. Americas Dexterous Hand Springs Sales Market Share by Application (2021-2026)

Figure 52. United States Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 53. Canada Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 54. Mexico Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 55. Brazil Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 56. APAC Dexterous Hand Springs Sales Market Share by Region in 2025

Figure 57. APAC Dexterous Hand Springs Revenue Market Share by Region (2021-2026)

Figure 58. APAC Dexterous Hand Springs Sales Market Share by Type (2021-2026)

Figure 59. APAC Dexterous Hand Springs Sales Market Share by Application (2021-2026)

Figure 60. China Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 61. Japan Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 62. South Korea Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 63. Southeast Asia Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 64. India Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 65. Australia Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 66. China Taiwan Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 67. Europe Dexterous Hand Springs Sales Market Share by Country in 2025

Figure 68. Europe Dexterous Hand Springs Revenue Market Share by Country (2021-2026)

Figure 69. Europe Dexterous Hand Springs Sales Market Share by Type (2021-2026)

Figure 70. Europe Dexterous Hand Springs Sales Market Share by Application (2021-2026)

Figure 71. Germany Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 72. France Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 73. UK Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 74. Italy Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 75. Russia Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 76. Middle East & Africa Dexterous Hand Springs Sales Market Share by Country (2021-2026)

Figure 77. Middle East & Africa Dexterous Hand Springs Sales Market Share by Type (2021-2026)

Figure 78. Middle East & Africa Dexterous Hand Springs Sales Market Share by Application (2021-2026)

Figure 79. Egypt Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 80. South Africa Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 81. Israel Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 82. Turkey Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 83. GCC Countries Dexterous Hand Springs Revenue Growth 2021-2026 (\$ millions)

Figure 84. Manufacturing Cost Structure Analysis of Dexterous Hand Springs in 2026

Figure 85. Manufacturing Process Analysis of Dexterous Hand Springs

Figure 86. Industry Chain Structure of Dexterous Hand Springs

Figure 87. Channels of Distribution

Figure 88. Global Dexterous Hand Springs Sales Market Forecast by Region

(2027-2032)

Figure 89. Global Dexterous Hand Springs Revenue Market Share Forecast by Region

(2027-2032)

Figure 90. Global Dexterous Hand Springs Sales Market Share Forecast by Type

(2027-2032)

Figure 91. Global Dexterous Hand Springs Revenue Market Share Forecast by Type

(2027-2032)

Figure 92. Global Dexterous Hand Springs Sales Market Share Forecast by Application

(2027-2032)

Figure 93. Global Dexterous Hand Springs Revenue Market Share Forecast by

Application (2027-2032)

## I would like to order

Product name: Global Dexterous Hand Springs Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G4391338C115EN.html>

Price: US\$ 3,660.00 (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/G4391338C115EN.html>