



## Through Hole Slip Rings Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-01-05	143	PDF
<b>Single User</b>	<b>Multi User</b>	<b>Enterprise</b>	
<b>USD 2,950</b>	<b>USD 4,430</b>	<b>USD 5,900</b>	

### Description

The global Through Hole Slip Rings market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Through Hole Slip Rings is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Through Hole Slip Rings is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Through Hole Slip Rings is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Through Hole Slip Rings include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

### Report Scope

This report quantifies the global Through Hole Slip Rings market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Through Hole Slip Rings.

### Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Through Hole Slip Rings Market by Company

CENO Electronics Technology

DEUBLIN

SENRING Electronics

LTN Servotechnik

Cobham  
Dynamic Sealing Technologies  
Hangzhou Prosper  
Grand  
Orbex Group  
Rion Electronic  
Victory-way Electronic  
Sibley  
United Equipment Accessories (UEA)  
Moog  
B-COMMAND  
MOFLON  
Meridian Laboratory  
AVIC Forstar Technology  
BGB  
ByTune Electronics  
JINPAT Electronics  
Kübler  
TSUBAME Musen  
STEMMANN-TECHNIK

### **Through Hole Slip Rings Segment by Type**

Mini (Hole Size 0~10mm)  
Small (Hole Size 10~20mm)  
Medium (Hole Size 20~100mm)  
Large (Hole Size 100~300mm)  
Others

### **Through Hole Slip Rings Segment by Application**

Automation  
Robotics  
Medical Equipment  
Others

### **Through Hole Slip Rings Segment by Region**

North America  
United States  
Canada  
Mexico  
Europe  
Germany  
France  
U.K.  
Italy  
Russia  
Spain  
Netherlands  
Switzerland  
Sweden

Poland  
Asia-Pacific  
China  
Japan  
South Korea  
India  
Australia  
Taiwan  
Southeast Asia  
South America  
Brazil  
Argentina  
Chile  
Middle East & Africa  
Egypt  
South Africa  
Israel  
Türkiye  
GCC Countries

### **Key Drivers & Barriers**

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### **Reasons to Buy This Report**

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Through Hole Slip Rings market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Through Hole Slip Rings and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Through Hole Slip Rings.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### **Chapter Outline**

#### **Chapter 1:**

Research objectives, research methods, data sources, data cross-validation;

#### **Chapter 2:**

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

### **Chapter 3:**

Detailed analysis of Through Hole Slip Rings manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

### **Chapter 4:**

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

### **Chapter 5:**

Production/output, value of Through Hole Slip Rings by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

### **Chapter 6:**

Consumption of Through Hole Slip Rings in regional level and country level. It 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 production of each country in the world.

### **Chapter 7:**

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

### **Chapter 8:**

Provides the analysis of various market segments by 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 9:**

Analysis of industrial chain, including the upstream and downstream of the industry.

### **Chapter 10:**

Introduces the market dynamics, 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 11:**

The main points and conclusions of the report.

# Table of Contents

---

## 1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

---

## 2 Market Overview

- 2.1 Product Definition
- 2.2 Through Hole Slip Rings by Type
  - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.2.2 Mini (Hole Size 0~10mm)
  - 2.2.3 Small (Hole Size 10~20mm)
  - 2.2.4 Medium (Hole Size 20~100mm)
  - 2.2.5 Large (Hole Size 100~300mm)
  - 2.2.6 Others
- 2.3 Through Hole Slip Rings by Application
  - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.3.2 Automation
  - 2.3.3 Robotics
  - 2.3.4 Medical Equipment
  - 2.3.5 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Through Hole Slip Rings Production Value Estimates and Forecasts (2021-2032)
  - 2.4.2 Global Through Hole Slip Rings Production Capacity Estimates and Forecasts (2021-2032)
  - 2.4.3 Global Through Hole Slip Rings Production Estimates and Forecasts (2021-2032)
  - 2.4.4 Global Through Hole Slip Rings Market Average Price (2021-2032)

---

## 3 Market Competitive Landscape by Manufacturers

- 3.1 Global Through Hole Slip Rings Production by Manufacturers (2021-2026)
- 3.2 Global Through Hole Slip Rings Production Value by Manufacturers (2021-2026)
- 3.3 Global Through Hole Slip Rings Average Price by Manufacturers (2021-2026)
- 3.4 Global Through Hole Slip Rings Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Through Hole Slip Rings Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Through Hole Slip Rings Manufacturers, Product Type & Application
- 3.7 Global Through Hole Slip Rings Manufacturers Established Date
- 3.8 Global Through Hole Slip Rings Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

---

## 4 Manufacturers Profiled

- 4.1 CENO Electronics Technology
  - 4.1.1 CENO Electronics Technology Through Hole Slip Rings Company Information
  - 4.1.2 CENO Electronics Technology Through Hole Slip Rings Business Overview
  - 4.1.3 CENO Electronics Technology Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

- 4.1.4 CENO Electronics Technology Product Portfolio
- 4.1.5 CENO Electronics Technology Recent Developments
- 4.2 DEUBLIN
  - 4.2.1 DEUBLIN Through Hole Slip Rings Company Information
  - 4.2.2 DEUBLIN Through Hole Slip Rings Business Overview
  - 4.2.3 DEUBLIN Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.2.4 DEUBLIN Product Portfolio
  - 4.2.5 DEUBLIN Recent Developments
- 4.3 SENRING Electronics
  - 4.3.1 SENRING Electronics Through Hole Slip Rings Company Information
  - 4.3.2 SENRING Electronics Through Hole Slip Rings Business Overview
  - 4.3.3 SENRING Electronics Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.3.4 SENRING Electronics Product Portfolio
  - 4.3.5 SENRING Electronics Recent Developments
- 4.4 LTN Servotechnik
  - 4.4.1 LTN Servotechnik Through Hole Slip Rings Company Information
  - 4.4.2 LTN Servotechnik Through Hole Slip Rings Business Overview
  - 4.4.3 LTN Servotechnik Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.4.4 LTN Servotechnik Product Portfolio
  - 4.4.5 LTN Servotechnik Recent Developments
- 4.5 Cobham
  - 4.5.1 Cobham Through Hole Slip Rings Company Information
  - 4.5.2 Cobham Through Hole Slip Rings Business Overview
  - 4.5.3 Cobham Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.5.4 Cobham Product Portfolio
  - 4.5.5 Cobham Recent Developments
- 4.6 Dynamic Sealing Technologies
  - 4.6.1 Dynamic Sealing Technologies Through Hole Slip Rings Company Information
  - 4.6.2 Dynamic Sealing Technologies Through Hole Slip Rings Business Overview
  - 4.6.3 Dynamic Sealing Technologies Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.6.4 Dynamic Sealing Technologies Product Portfolio
  - 4.6.5 Dynamic Sealing Technologies Recent Developments
- 4.7 Hangzhou Prosper
  - 4.7.1 Hangzhou Prosper Through Hole Slip Rings Company Information
  - 4.7.2 Hangzhou Prosper Through Hole Slip Rings Business Overview
  - 4.7.3 Hangzhou Prosper Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.7.4 Hangzhou Prosper Product Portfolio
  - 4.7.5 Hangzhou Prosper Recent Developments
- 4.8 Grand
  - 4.8.1 Grand Through Hole Slip Rings Company Information
  - 4.8.2 Grand Through Hole Slip Rings Business Overview
  - 4.8.3 Grand Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.8.4 Grand Product Portfolio
  - 4.8.5 Grand Recent Developments
- 4.9 Orbex Group
  - 4.9.1 Orbex Group Through Hole Slip Rings Company Information
  - 4.9.2 Orbex Group Through Hole Slip Rings Business Overview
  - 4.9.3 Orbex Group Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

- 4.9.4 Orbex Group Product Portfolio
- 4.9.5 Orbex Group Recent Developments
- 4.10 Rion Electronic
  - 4.10.1 Rion Electronic Through Hole Slip Rings Company Information
  - 4.10.2 Rion Electronic Through Hole Slip Rings Business Overview
  - 4.10.3 Rion Electronic Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.10.4 Rion Electronic Product Portfolio
  - 4.10.5 Rion Electronic Recent Developments
- 4.11 Victory-way Electronic
  - 4.11.1 Victory-way Electronic Through Hole Slip Rings Company Information
  - 4.11.2 Victory-way Electronic Through Hole Slip Rings Business Overview
  - 4.11.3 Victory-way Electronic Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.11.4 Victory-way Electronic Product Portfolio
  - 4.11.5 Victory-way Electronic Recent Developments
- 4.12 Sibley
  - 4.12.1 Sibley Through Hole Slip Rings Company Information
  - 4.12.2 Sibley Through Hole Slip Rings Business Overview
  - 4.12.3 Sibley Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.12.4 Sibley Product Portfolio
  - 4.12.5 Sibley Recent Developments
- 4.13 United Equipment Accessories (UEA)
  - 4.13.1 United Equipment Accessories (UEA) Through Hole Slip Rings Company Information
  - 4.13.2 United Equipment Accessories (UEA) Through Hole Slip Rings Business Overview
  - 4.13.3 United Equipment Accessories (UEA) Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.13.4 United Equipment Accessories (UEA) Product Portfolio
  - 4.13.5 United Equipment Accessories (UEA) Recent Developments
- 4.14 Moog
  - 4.14.1 Moog Through Hole Slip Rings Company Information
  - 4.14.2 Moog Through Hole Slip Rings Business Overview
  - 4.14.3 Moog Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.14.4 Moog Product Portfolio
  - 4.14.5 Moog Recent Developments
- 4.15 B-COMMAND
  - 4.15.1 B-COMMAND Through Hole Slip Rings Company Information
  - 4.15.2 B-COMMAND Through Hole Slip Rings Business Overview
  - 4.15.3 B-COMMAND Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.15.4 B-COMMAND Product Portfolio
  - 4.15.5 B-COMMAND Recent Developments
- 4.16 MOFLON
  - 4.16.1 MOFLON Through Hole Slip Rings Company Information
  - 4.16.2 MOFLON Through Hole Slip Rings Business Overview
  - 4.16.3 MOFLON Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)
  - 4.16.4 MOFLON Product Portfolio
  - 4.16.5 MOFLON Recent Developments
- 4.17 Meridian Laboratory
  - 4.17.1 Meridian Laboratory Through Hole Slip Rings Company Information
  - 4.17.2 Meridian Laboratory Through Hole Slip Rings Business Overview
  - 4.17.3 Meridian Laboratory Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.17.4 Meridian Laboratory Product Portfolio

4.17.5 Meridian Laboratory Recent Developments

4.18 AVIC Forstar Technology

4.18.1 AVIC Forstar Technology Through Hole Slip Rings Company Information

4.18.2 AVIC Forstar Technology Through Hole Slip Rings Business Overview

4.18.3 AVIC Forstar Technology Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.18.4 AVIC Forstar Technology Product Portfolio

4.18.5 AVIC Forstar Technology Recent Developments

4.19 BGB

4.19.1 BGB Through Hole Slip Rings Company Information

4.19.2 BGB Through Hole Slip Rings Business Overview

4.19.3 BGB Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.19.4 BGB Product Portfolio

4.19.5 BGB Recent Developments

4.20 ByTune Electronics

4.20.1 ByTune Electronics Through Hole Slip Rings Company Information

4.20.2 ByTune Electronics Through Hole Slip Rings Business Overview

4.20.3 ByTune Electronics Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.20.4 ByTune Electronics Product Portfolio

4.20.5 ByTune Electronics Recent Developments

4.21 JINPAT Electronics

4.21.1 JINPAT Electronics Through Hole Slip Rings Company Information

4.21.2 JINPAT Electronics Through Hole Slip Rings Business Overview

4.21.3 JINPAT Electronics Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.21.4 JINPAT Electronics Product Portfolio

4.21.5 JINPAT Electronics Recent Developments

4.22 Kübler

4.22.1 Kübler Through Hole Slip Rings Company Information

4.22.2 Kübler Through Hole Slip Rings Business Overview

4.22.3 Kübler Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.22.4 Kübler Product Portfolio

4.22.5 Kübler Recent Developments

4.23 TSUBAME Musen

4.23.1 TSUBAME Musen Through Hole Slip Rings Company Information

4.23.2 TSUBAME Musen Through Hole Slip Rings Business Overview

4.23.3 TSUBAME Musen Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.23.4 TSUBAME Musen Product Portfolio

4.23.5 TSUBAME Musen Recent Developments

4.24 STEMMANN-TECHNIK

4.24.1 STEMMANN-TECHNIK Through Hole Slip Rings Company Information

4.24.2 STEMMANN-TECHNIK Through Hole Slip Rings Business Overview

4.24.3 STEMMANN-TECHNIK Through Hole Slip Rings Production, Value and Gross Margin (2021-2026)

4.24.4 STEMMANN-TECHNIK Product Portfolio

4.24.5 STEMMANN-TECHNIK Recent Developments

---

## 5 Global Through Hole Slip Rings Production by Region

5.1 Global Through Hole Slip Rings Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Through Hole Slip Rings Production by Region: 2021-2032

5.2.1 Global Through Hole Slip Rings Production by Region: 2021-2026

- 5.2.2 Global Through Hole Slip Rings Production Forecast by Region (2027-2032)
  - 5.3 Global Through Hole Slip Rings Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
  - 5.4 Global Through Hole Slip Rings Production Value by Region: 2021-2032
    - 5.4.1 Global Through Hole Slip Rings Production Value by Region: 2021-2026
    - 5.4.2 Global Through Hole Slip Rings Production Value Forecast by Region (2027-2032)
  - 5.5 Global Through Hole Slip Rings Market Price Analysis by Region (2021-2026)
  - 5.6 Global Through Hole Slip Rings Production and Value, YOY Growth
    - 5.6.1 North America Through Hole Slip Rings Production Value Estimates and Forecasts (2021-2032)
    - 5.6.2 Europe Through Hole Slip Rings Production Value Estimates and Forecasts (2021-2032)
    - 5.6.3 China Through Hole Slip Rings Production Value Estimates and Forecasts (2021-2032)
    - 5.6.4 Japan Through Hole Slip Rings Production Value Estimates and Forecasts (2021-2032)
    - 5.6.5 South Korea Through Hole Slip Rings Production Value Estimates and Forecasts (2021-2032)
- 

## **6 Global Through Hole Slip Rings Consumption by Region**

- 6.1 Global Through Hole Slip Rings Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Through Hole Slip Rings Consumption by Region (2021-2032)
  - 6.2.1 Global Through Hole Slip Rings Consumption by Region: 2021-2026
  - 6.2.2 Global Through Hole Slip Rings Forecasted Consumption by Region (2027-2032)
- 6.3 North America
  - 6.3.1 North America Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.3.2 North America Through Hole Slip Rings Consumption by Country (2021-2032)
  - 6.3.3 United States
  - 6.3.4 Canada
  - 6.3.5 Mexico
- 6.4 Europe
  - 6.4.1 Europe Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.4.2 Europe Through Hole Slip Rings Consumption by Country (2021-2032)
  - 6.4.3 Germany
  - 6.4.4 France
  - 6.4.5 U.K.
  - 6.4.6 Italy
  - 6.4.7 Russia
  - 6.4.8 Spain
  - 6.4.9 Netherlands
  - 6.4.10 Switzerland
  - 6.4.11 Sweden
  - 6.4.12 Poland
- 6.5 Asia Pacific
  - 6.5.1 Asia Pacific Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
  - 6.5.2 Asia Pacific Through Hole Slip Rings Consumption by Country (2021-2032)
  - 6.5.3 China
  - 6.5.4 Japan
  - 6.5.5 South Korea
  - 6.5.6 India
  - 6.5.7 Australia
  - 6.5.8 Taiwan
  - 6.5.9 Southeast Asia
- 6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Through Hole Slip Rings Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

---

## 7 Segment by Type

7.1 Global Through Hole Slip Rings Production by Type (2021-2032)

7.1.1 Global Through Hole Slip Rings Production by Type (2021-2032) & (k units)

7.1.2 Global Through Hole Slip Rings Production Market Share by Type (2021-2032)

7.2 Global Through Hole Slip Rings Production Value by Type (2021-2032)

7.2.1 Global Through Hole Slip Rings Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Through Hole Slip Rings Production Value Market Share by Type (2021-2032)

7.3 Global Through Hole Slip Rings Price by Type (2021-2032)

---

## 8 Segment by Application

8.1 Global Through Hole Slip Rings Production by Application (2021-2032)

8.1.1 Global Through Hole Slip Rings Production by Application (2021-2032) & (k units)

8.1.2 Global Through Hole Slip Rings Production Market Share by Application (2021-2032)

8.2 Global Through Hole Slip Rings Production Value by Application (2021-2032)

8.2.1 Global Through Hole Slip Rings Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Through Hole Slip Rings Production Value Market Share by Application (2021-2032)

8.3 Global Through Hole Slip Rings Price by Application (2021-2032)

---

## 9 Value Chain and Sales Channels Analysis of the Market

9.1 Through Hole Slip Rings Value Chain Analysis

9.1.1 Through Hole Slip Rings Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Through Hole Slip Rings Production Mode & Process

9.2 Through Hole Slip Rings Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Through Hole Slip Rings Distributors

9.2.3 Through Hole Slip Rings Customers

---

## 10 Global Through Hole Slip Rings Analyzing Market Dynamics

10.1 Through Hole Slip Rings Industry Trends

10.2 Through Hole Slip Rings Industry Drivers

10.3 Through Hole Slip Rings Industry Opportunities and Challenges

10.4 Through Hole Slip Rings Industry Restraints

---

## 11 Report Conclusion

---

## 12 Disclaimer

## List of Tables and Figures

---

### List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Through Hole Slip Rings Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Through Hole Slip Rings Production Market Share by Manufacturers
- Table 7: Global Through Hole Slip Rings Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Through Hole Slip Rings Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Through Hole Slip Rings Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Through Hole Slip Rings Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Through Hole Slip Rings Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Through Hole Slip Rings Manufacturers, Product Type & Application
- Table 13: Global Through Hole Slip Rings Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Through Hole Slip Rings by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: CENO Electronics Technology Company Information
- Table 18: CENO Electronics Technology Business Overview
- Table 19: CENO Electronics Technology Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: CENO Electronics Technology Through Hole Slip Rings Product Portfolio
- Table 21: CENO Electronics Technology Recent Development
- Table 22: DEUBLIN Company Information
- Table 23: DEUBLIN Business Overview
- Table 24: DEUBLIN Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: DEUBLIN Through Hole Slip Rings Product Portfolio
- Table 26: DEUBLIN Recent Development
- Table 27: SENRING Electronics Company Information
- Table 28: SENRING Electronics Business Overview
- Table 29: SENRING Electronics Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: SENRING Electronics Through Hole Slip Rings Product Portfolio
- Table 31: SENRING Electronics Recent Development
- Table 32: LTN Servotechnik Company Information
- Table 33: LTN Servotechnik Business Overview
- Table 34: LTN Servotechnik Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: LTN Servotechnik Through Hole Slip Rings Product Portfolio
- Table 36: LTN Servotechnik Recent Development
- Table 37: Cobham Company Information
- Table 38: Cobham Business Overview
- Table 39: Cobham Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Cobham Through Hole Slip Rings Product Portfolio
- Table 41: Cobham Recent Development
- Table 42: Dynamic Sealing Technologies Company Information
- Table 43: Dynamic Sealing Technologies Business Overview
- Table 44: Dynamic Sealing Technologies Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Dynamic Sealing Technologies Through Hole Slip Rings Product Portfolio
- Table 46: Dynamic Sealing Technologies Recent Development
- Table 47: Hangzhou Prosper Company Information
- Table 48: Hangzhou Prosper Business Overview

- Table 49: Hangzhou Prosper Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Hangzhou Prosper Through Hole Slip Rings Product Portfolio
- Table 51: Hangzhou Prosper Recent Development
- Table 52: Grand Company Information
- Table 53: Grand Business Overview
- Table 54: Grand Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Grand Through Hole Slip Rings Product Portfolio
- Table 56: Grand Recent Development
- Table 57: Orbex Group Company Information
- Table 58: Orbex Group Business Overview
- Table 59: Orbex Group Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Orbex Group Through Hole Slip Rings Product Portfolio
- Table 61: Orbex Group Recent Development
- Table 62: Rion Electronic Company Information
- Table 63: Rion Electronic Business Overview
- Table 64: Rion Electronic Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Rion Electronic Through Hole Slip Rings Product Portfolio
- Table 66: Rion Electronic Recent Development
- Table 67: Victory-way Electronic Company Information
- Table 68: Victory-way Electronic Business Overview
- Table 69: Victory-way Electronic Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Victory-way Electronic Through Hole Slip Rings Product Portfolio
- Table 71: Victory-way Electronic Recent Development
- Table 72: Sibley Company Information
- Table 73: Sibley Business Overview
- Table 74: Sibley Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Sibley Through Hole Slip Rings Product Portfolio
- Table 76: Sibley Recent Development
- Table 77: United Equipment Accessories (UEA) Company Information
- Table 78: United Equipment Accessories (UEA) Business Overview
- Table 79: United Equipment Accessories (UEA) Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: United Equipment Accessories (UEA) Through Hole Slip Rings Product Portfolio
- Table 81: United Equipment Accessories (UEA) Recent Development
- Table 82: Moog Company Information
- Table 83: Moog Business Overview
- Table 84: Moog Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: Moog Through Hole Slip Rings Product Portfolio
- Table 86: Moog Recent Development
- Table 87: B-COMMAND Company Information
- Table 88: B-COMMAND Business Overview
- Table 89: B-COMMAND Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: B-COMMAND Through Hole Slip Rings Product Portfolio
- Table 91: B-COMMAND Recent Development
- Table 92: MOFLON Company Information
- Table 93: MOFLON Business Overview
- Table 94: MOFLON Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: MOFLON Through Hole Slip Rings Product Portfolio
- Table 96: MOFLON Recent Development
- Table 97: Meridian Laboratory Company Information
- Table 98: Meridian Laboratory Business Overview
- Table 99: Meridian Laboratory Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 100: Meridian Laboratory Through Hole Slip Rings Product Portfolio
- Table 101: Meridian Laboratory Recent Development
- Table 102: AVIC Forstar Technology Company Information

- Table 103: AVIC Forstar Technology Business Overview
- Table 104: AVIC Forstar Technology Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 105: AVIC Forstar Technology Through Hole Slip Rings Product Portfolio
- Table 106: AVIC Forstar Technology Recent Development
- Table 107: BGB Company Information
- Table 108: BGB Business Overview
- Table 109: BGB Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 110: BGB Through Hole Slip Rings Product Portfolio
- Table 111: BGB Recent Development
- Table 112: ByTune Electronics Company Information
- Table 113: ByTune Electronics Business Overview
- Table 114: ByTune Electronics Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 115: ByTune Electronics Through Hole Slip Rings Product Portfolio
- Table 116: ByTune Electronics Recent Development
- Table 117: JINPAT Electronics Company Information
- Table 118: JINPAT Electronics Business Overview
- Table 119: JINPAT Electronics Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 120: JINPAT Electronics Through Hole Slip Rings Product Portfolio
- Table 121: JINPAT Electronics Recent Development
- Table 122: Kübler Company Information
- Table 123: Kübler Business Overview
- Table 124: Kübler Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 125: Kübler Through Hole Slip Rings Product Portfolio
- Table 126: Kübler Recent Development
- Table 127: TSUBAME Musen Company Information
- Table 128: TSUBAME Musen Business Overview
- Table 129: TSUBAME Musen Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 130: TSUBAME Musen Through Hole Slip Rings Product Portfolio
- Table 131: TSUBAME Musen Recent Development
- Table 132: STEMMANN-TECHNIK Company Information
- Table 133: STEMMANN-TECHNIK Business Overview
- Table 134: STEMMANN-TECHNIK Through Hole Slip Rings Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 135: STEMMANN-TECHNIK Through Hole Slip Rings Product Portfolio
- Table 136: STEMMANN-TECHNIK Recent Development
- Table 137: Global Through Hole Slip Rings Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 138: Global Through Hole Slip Rings Production by Region (2021-2026) & (k units)
- Table 139: Global Through Hole Slip Rings Production Market Share by Region (2021-2026)
- Table 140: Global Through Hole Slip Rings Production Forecast by Region (2027-2032) & (k units)
- Table 141: Global Through Hole Slip Rings Production Market Share Forecast by Region (2027-2032)
- Table 142: Global Through Hole Slip Rings Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 143: Global Through Hole Slip Rings Production Value by Region (2021-2026) & (US\$ Million)
- Table 144: Global Through Hole Slip Rings Production Value Market Share by Region (2021-2026)
- Table 145: Global Through Hole Slip Rings Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 146: Global Through Hole Slip Rings Market Average Price (USD/unit) by Region (2021-2026)
- Table 147: Global Through Hole Slip Rings Market Average Price (USD/unit) by Region (2027-2032)
- Table 148: Global Through Hole Slip Rings Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 149: Global Through Hole Slip Rings Consumption by Region (2021-2026) & (k units)
- Table 150: Global Through Hole Slip Rings Consumption Market Share by Region (2021-2026)
- Table 151: Global Through Hole Slip Rings Forecasted Consumption by Region (2027-2032) & (k units)
- Table 152: Global Through Hole Slip Rings Forecasted Consumption Market Share by Region (2027-2032)
- Table 153: North America Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 154: North America Through Hole Slip Rings Consumption by Country (2021-2026) & (k units)
- Table 155: North America Through Hole Slip Rings Consumption by Country (2027-2032) & (k units)
- Table 156: Europe Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 157: Europe Through Hole Slip Rings Consumption by Country (2021-2026) & (k units)
- Table 158: Europe Through Hole Slip Rings Consumption by Country (2027-2032) & (k units)
- Table 159: Asia Pacific Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 160: Asia Pacific Through Hole Slip Rings Consumption by Country (2021-2026) & (k units)

- Table 161: Asia Pacific Through Hole Slip Rings Consumption by Country (2027-2032) & (k units)
- Table 162: South America, Middle East & Africa Through Hole Slip Rings Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 163: South America, Middle East & Africa Through Hole Slip Rings Consumption by Country (2021-2026) & (k units)
- Table 164: South America, Middle East & Africa Through Hole Slip Rings Consumption by Country (2027-2032) & (k units)
- Table 165: Global Through Hole Slip Rings Production by Type (2021-2026) & (k units)
- Table 166: Global Through Hole Slip Rings Production by Type (2027-2032) & (k units)
- Table 167: Global Through Hole Slip Rings Production Market Share by Type (2021-2026)
- Table 168: Global Through Hole Slip Rings Production Market Share by Type (2027-2032)
- Table 169: Global Through Hole Slip Rings Production Value by Type (2021-2026) & (US\$ Million)
- Table 170: Global Through Hole Slip Rings Production Value by Type (2027-2032) & (US\$ Million)
- Table 171: Global Through Hole Slip Rings Production Value Market Share by Type (2021-2026)
- Table 172: Global Through Hole Slip Rings Production Value Market Share by Type (2027-2032)
- Table 173: Global Through Hole Slip Rings Price by Type (2021-2026) & (USD/unit)
- Table 174: Global Through Hole Slip Rings Price by Type (2027-2032) & (USD/unit)
- Table 175: Global Through Hole Slip Rings Production by Application (2021-2026) & (k units)
- Table 176: Global Through Hole Slip Rings Production by Application (2027-2032) & (k units)
- Table 177: Global Through Hole Slip Rings Production Market Share by Application (2021-2026)
- Table 178: Global Through Hole Slip Rings Production Market Share by Application (2027-2032)
- Table 179: Global Through Hole Slip Rings Production Value by Application (2021-2026) & (US\$ Million)
- Table 180: Global Through Hole Slip Rings Production Value by Application (2027-2032) & (US\$ Million)
- Table 181: Global Through Hole Slip Rings Production Value Market Share by Application (2021-2026)
- Table 182: Global Through Hole Slip Rings Production Value Market Share by Application (2027-2032)
- Table 183: Global Through Hole Slip Rings Price by Application (2021-2026) & (USD/unit)
- Table 184: Global Through Hole Slip Rings Price by Application (2027-2032) & (USD/unit)
- Table 185: Key Raw Materials
- Table 186: Raw Materials Key Suppliers
- Table 187: Through Hole Slip Rings Distributors List
- Table 188: Through Hole Slip Rings Customers List
- Table 189: Through Hole Slip Rings Industry Trends
- Table 190: Through Hole Slip Rings Industry Drivers
- Table 191: Through Hole Slip Rings Industry Restraints
- Table 192: Authors List of This Report

## List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Through Hole Slip Rings Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Mini (Hole Size 0~10mm) Product Image
- Figure 7: Small (Hole Size 10~20mm) Product Image
- Figure 8: Medium (Hole Size 20~100mm) Product Image
- Figure 9: Large (Hole Size 100~300mm) Product Image
- Figure 10: Others Product Image
- Figure 11: Automation Product Image
- Figure 12: Robotics Product Image
- Figure 13: Medical Equipment Product Image
- Figure 14: Others Product Image
- Figure 15: Global Through Hole Slip Rings Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Through Hole Slip Rings Production Value (2021-2032) & (US\$ Million)
- Figure 17: Global Through Hole Slip Rings Production Capacity (2021-2032) & (k units)
- Figure 18: Global Through Hole Slip Rings Production (2021-2032) & (k units)
- Figure 19: Global Through Hole Slip Rings Average Price (USD/unit) & (2021-2032)
- Figure 20: Global Through Hole Slip Rings Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 21: Global Top 5 and 10 Through Hole Slip Rings Players Market Share by Production Value in 2025
- Figure 22: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Global Through Hole Slip Rings Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 24: Global Through Hole Slip Rings Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: Global Through Hole Slip Rings Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 26: Global Through Hole Slip Rings Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: North America Through Hole Slip Rings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Europe Through Hole Slip Rings Production Value (US\$ Million) Growth Rate (2021-2032)

- Figure 29: China Through Hole Slip Rings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Japan Through Hole Slip Rings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: South Korea Through Hole Slip Rings Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Global Through Hole Slip Rings Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 33: Global Through Hole Slip Rings Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 34: North America Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: North America Through Hole Slip Rings Consumption Market Share by Country (2021-2032)
- Figure 36: United States Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: United States Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Canada Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: Mexico Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: Europe Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Europe Through Hole Slip Rings Consumption Market Share by Country (2021-2032)
- Figure 42: Germany Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: France Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: U.K. Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Italy Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Russia Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Spain Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Netherlands Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Switzerland Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Sweden Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Poland Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Asia Pacific Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Asia Pacific Through Hole Slip Rings Consumption Market Share by Country (2021-2032)
- Figure 54: China Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Japan Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: South Korea Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: India Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Australia Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Taiwan Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Southeast Asia Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: South America, Middle East & Africa Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: South America, Middle East & Africa Through Hole Slip Rings Consumption Market Share by Country (2021-2032)
- Figure 63: Brazil Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Argentina Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Chile Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Turkey Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: GCC Countries Through Hole Slip Rings Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Global Through Hole Slip Rings Production Market Share by Type (2021-2032)
- Figure 69: Global Through Hole Slip Rings Production Value Market Share by Type (2021-2032)
- Figure 70: Global Through Hole Slip Rings Price (USD/unit) by Type (2021-2032)
- Figure 71: Global Through Hole Slip Rings Production Market Share by Application (2021-2032)
- Figure 72: Global Through Hole Slip Rings Production Value Market Share by Application (2021-2032)
- Figure 73: Global Through Hole Slip Rings Price (USD/unit) by Application (2021-2032)
- Figure 74: Through Hole Slip Rings Value Chain
- Figure 75: Through Hole Slip Rings Production Mode & Process
- Figure 76: Direct Comparison with Distribution Share
- Figure 77: Distributors Profiles
- Figure 78: Through Hole Slip Rings Industry Opportunities and Challenges