

# **Metal Precision Turned Product Manufacturing Market – Global Industry Size, Share, Trends, Opportunity, And Forecast, Segmented By Operation (Manual Operation and CNC Operation), Machine Types (Automatic Screw Machines, Rotary Transfer Machines, Computer Numerically Controlled (CNC), and Lathes or Turning Centers and Other Machine Types), End Use (Industries, Automobile, Electronics, Defense, and Healthcare and Other End Uses), By Region & Competition, 2020-2030F**

<https://marketpublishers.com/r/M7F8BED86479EN.html>

Date: February 2025

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: M7F8BED86479EN

## **Abstracts**

The Global Metal Precision Turned Product Manufacturing Market was valued at USD 108.5 billion in 2024 and is projected to reach USD 153.0 billion by 2030, with a compound annual growth rate (CAGR) of 5.83% during the forecast period. This market has been witnessing robust growth driven by the increasing demand for high-quality, precisely engineered components across industries such as automotive, aerospace, and medical devices. Advances in machining technologies, including CNC (Computer Numerical Control) turning and automated production processes, are enabling manufacturers to produce more accurate and cost-efficient products. Additionally, the growing trend of product customization is further propelling demand for precision-turned components, as businesses seek tailored solutions to meet specific needs.

Several key trends are shaping the market, including the rise of smart manufacturing and the adoption of Industry 4.0 technologies. Automation, digitalization, and the integration of advanced materials into manufacturing processes are enhancing

operational efficiency, reducing waste, and improving product quality. The development of new alloys and materials with superior performance characteristics is also unlocking new opportunities for the metal precision turned product sector. As industries evolve, there is an increasing demand for more complex and intricate designs, further fueling the need for precision-turned products.

Despite these growth opportunities, challenges remain, particularly with high production costs and the need for skilled labor to operate advanced machinery. The complexity of manufacturing precision parts requires specialized expertise, and production errors can lead to costly delays and waste. Furthermore, the market is highly competitive, with many small and medium-sized enterprises (SMEs) struggling to keep pace with technological advancements and the growing demand for rapid production times. Addressing these challenges will be crucial to sustaining growth in the market.

## Market Drivers

### Rising Demand for Customization:

Customization has become a critical driver of the market, as industries increasingly require highly specialized components tailored to their needs. Sectors such as automotive and medical devices have seen a surge in demand for bespoke, precision-engineered products. Advances in manufacturing technologies are enabling cost-effective production of customized parts, further driving demand for precision-turned products.

## Key Market Challenges

### High Production Costs:

Precision turning involves the use of advanced machinery and skilled labor, both of which contribute to high production costs. Small and medium-sized enterprises (SMEs) often face difficulties in investing in state-of-the-art equipment and maintaining competitive pricing, which limits their ability to scale operations effectively.

## Key Market Trends

### Adoption of Smart Manufacturing:

Smart manufacturing is transforming the precision turning industry. The integration of

Internet of Things (IoT) sensors, machine learning, and real-time data analytics is improving machine efficiency and product quality. Manufacturers are increasingly leveraging these technologies to enhance operational transparency, enable predictive maintenance, and optimize production processes.

#### Key Market Players:

Stanley Black & Decker Inc.

Parker Hannifin Corporation

Doosan Corporation

Sandvik AB

NSK Ltd.

FANUC Corporation

Moog Inc.

DMG MORI Co. Ltd.

Kennametal Inc.

Barnes Group Inc.

Gleason Corporation

Haas Automation Inc.

#### Report Scope:

This report segments the Global Metal Precision Turned Product Manufacturing Market into the following categories, in addition to outlining industry trends:

By Operation:

Manual Operation

CNC Operation

By Machine Type:

Automatic Screw Machines

Rotary Transfer Machines

CNC Machines

Lathes or Turning Centers

Other Machine Types

By End User:

Industries

Automotive

Electronics

Defense & Healthcare

Other End Users

By Region:

North America

United States

Canada

Mexico

Europe & CIS

Germany

France

U.K.

Spain

Italy

Asia-Pacific

China

Japan

India

Thailand

Indonesia

South Korea

Australia

Middle East & Africa

Turkey

South Africa

Saudi Arabia

UAE

South America

Brazil

Argentina

Competitive Landscape:

Company Profiles: Detailed analysis of the major players in the Global Metal Precision Turned Product Manufacturing Market.

Available Customizations:

TechSci Research offers the following customization options for the Global Metal Precision Turned Product Manufacturing Market report:

Company Information:

In-depth profiling of additional market players (up to five).

## Contents

### 1. INTRODUCTION

- 1.1. Market Overview
- 1.2. Key Highlights of the Report
- 1.3. Market Coverage
- 1.4. Market Segments Covered
- 1.5. Research Tenure Considered

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Market Overview
- 3.2. Market Forecast
- 3.3. Key Regions
- 3.4. Key Segments

### 4. GLOBAL METAL PRECISION TURNED PRODUCT MANUFACTURING MARKET OUTLOOK

- 4.1. Market Size & Forecast
  - 4.1.1. By Value
- 4.2. Market Share & Forecast
  - 4.2.1. By Operation Market Share Analysis (Manual Operation and CNC Operation)
  - 4.2.2. By Machine Types Market Share Analysis (Automatic Screw Machines, Rotary Transfer Machines, Computer Numerically Controlled (CNC), and Lathes or Turning Centers and Other Machine Types)
  - 4.2.3. By End Use Market Share Analysis (Industries, Automobile, Electronics, Defense, and Healthcare and Other End Uses)

- 4.2.4. By Regional Market Share Analysis
  - 4.2.4.1. North America Market Share Analysis
  - 4.2.4.2. Europe & CIS Market Share Analysis
  - 4.2.4.3. Asia-Pacific Market Share Analysis
  - 4.2.4.4. Middle East & Africa Market Share Analysis
  - 4.2.4.5. South America Market Share Analysis
- 4.2.5. By Top 5 Companies Market Share Analysis, Others (2024)
- 4.3. Global Metal Precision Turned Product Manufacturing Market Mapping & Opportunity Assessment
  - 4.3.1. By Operation Market Mapping & Opportunity Assessment
  - 4.3.2. By Machine Types Market Mapping & Opportunity Assessment
  - 4.3.3. By End Use Market Mapping & Opportunity Assessment
  - 4.3.4. By Regional Market Mapping & Opportunity Assessment

## **5. NORTH AMERICA METAL PRECISION TURNED PRODUCT MANUFACTURING MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Operation Market Share Analysis
  - 5.2.2. By Machine Types Market Share Analysis
  - 5.2.3. By End Use Market Share Analysis
  - 5.2.4. By Country Market Share Analysis
    - 5.2.4.1. United States Metal Precision Turned Product Manufacturing Market Outlook
      - 5.2.4.1.1. Market Size & Forecast
        - 5.2.4.1.1.1. By Value
      - 5.2.4.1.2. Market Share & Forecast
        - 5.2.4.1.2.1. By Operation Market Share Analysis
        - 5.2.4.1.2.2. By Machine Types Market Share Analysis
        - 5.2.4.1.2.3. By End Use Market Share Analysis
    - 5.2.4.2. Canada Metal Precision Turned Product Manufacturing Market Outlook
      - 5.2.4.2.1. Market Size & Forecast
        - 5.2.4.2.1.1. By Value
      - 5.2.4.2.2. Market Share & Forecast
        - 5.2.4.2.2.1. By Operation Market Share Analysis
        - 5.2.4.2.2.2. By Machine Types Market Share Analysis
        - 5.2.4.2.2.3. By End Use Market Share Analysis
    - 5.2.4.3. Mexico Metal Precision Turned Product Manufacturing Market Outlook

- 5.2.4.3.1. Market Size & Forecast
  - 5.2.4.3.1.1. By Value
- 5.2.4.3.2. Market Share & Forecast
  - 5.2.4.3.2.1. By Operation Market Share Analysis
  - 5.2.4.3.2.2. By Machine Types Market Share Analysis
  - 5.2.4.3.2.3. By End Use Market Share Analysis

## **6. EUROPE & CIS METAL PRECISION TURNED PRODUCT MANUFACTURING MARKET OUTLOOK**

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Operation Market Share Analysis
  - 6.2.2. By Machine Types Market Share Analysis
  - 6.2.3. By End Use Market Share Analysis
  - 6.2.4. By Country Market Share Analysis
    - 6.2.4.1. France Metal Precision Turned Product Manufacturing Market Outlook
      - 6.2.4.1.1. Market Size & Forecast
        - 6.2.4.1.1.1. By Value
      - 6.2.4.1.2. Market Share & Forecast
        - 6.2.4.1.2.1. By Operation Market Share Analysis
        - 6.2.4.1.2.2. By Machine Types Market Share Analysis
        - 6.2.4.1.2.3. By End Use Market Share Analysis
    - 6.2.4.2. Germany Metal Precision Turned Product Manufacturing Market Outlook
      - 6.2.4.2.1. Market Size & Forecast
        - 6.2.4.2.1.1. By Value
      - 6.2.4.2.2. Market Share & Forecast
        - 6.2.4.2.2.1. By Operation Market Share Analysis
        - 6.2.4.2.2.2. By Machine Types Market Share Analysis
        - 6.2.4.2.2.3. By End Use Market Share Analysis
    - 6.2.4.3. Spain Metal Precision Turned Product Manufacturing Market Outlook
      - 6.2.4.3.1. Market Size & Forecast
        - 6.2.4.3.1.1. By Value
      - 6.2.4.3.2. Market Share & Forecast
        - 6.2.4.3.2.1. By Operation Market Share Analysis
        - 6.2.4.3.2.2. By Machine Types Market Share Analysis
        - 6.2.4.3.2.3. By End Use Market Share Analysis
    - 6.2.4.4. Italy Metal Precision Turned Product Manufacturing Market Outlook

- 6.2.4.4.1. Market Size & Forecast
  - 6.2.4.4.1.1. By Value
- 6.2.4.4.2. Market Share & Forecast
  - 6.2.4.4.2.1. By Operation Market Share Analysis
  - 6.2.4.4.2.2. By Machine Types Market Share Analysis
  - 6.2.4.4.2.3. By End Use Market Share Analysis
- 6.2.4.5. U.K. Metal Precision Turned Product Manufacturing Market Outlook
  - 6.2.4.5.1. Market Size & Forecast
    - 6.2.4.5.1.1. By Value
  - 6.2.4.5.2. Market Share & Forecast
    - 6.2.4.5.2.1. By Operation Market Share Analysis
    - 6.2.4.5.2.2. By Machine Types Market Share Analysis
    - 6.2.4.5.2.3. By End Use Market Share Analysis

## **7. ASIA-PACIFIC METAL PRECISION TURNED PRODUCT MANUFACTURING MARKET OUTLOOK**

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Operation Market Share Analysis
  - 7.2.2. By Machine Types Market Share Analysis
  - 7.2.3. By End Use Market Share Analysis
  - 7.2.4. By Country Market Share Analysis
    - 7.2.4.1. China Metal Precision Turned Product Manufacturing Market Outlook
      - 7.2.4.1.1. Market Size & Forecast
        - 7.2.4.1.1.1. By Value
      - 7.2.4.1.2. Market Share & Forecast
        - 7.2.4.1.2.1. By Operation Market Share Analysis
        - 7.2.4.1.2.2. By Machine Types Market Share Analysis
        - 7.2.4.1.2.3. By End Use Market Share Analysis
    - 7.2.4.2. Japan Metal Precision Turned Product Manufacturing Market Outlook
      - 7.2.4.2.1. Market Size & Forecast
        - 7.2.4.2.1.1. By Value
      - 7.2.4.2.2. Market Share & Forecast
        - 7.2.4.2.2.1. By Operation Market Share Analysis
        - 7.2.4.2.2.2. By Machine Types Market Share Analysis
        - 7.2.4.2.2.3. By End Use Market Share Analysis
    - 7.2.4.3. India Metal Precision Turned Product Manufacturing Market Outlook

- 7.2.4.3.1. Market Size & Forecast
  - 7.2.4.3.1.1. By Value
- 7.2.4.3.2. Market Share & Forecast
  - 7.2.4.3.2.1. By Operation Market Share Analysis
  - 7.2.4.3.2.2. By Machine Types Market Share Analysis
  - 7.2.4.3.2.3. By End Use Market Share Analysis
- 7.2.4.4. Indonesia Metal Precision Turned Product Manufacturing Market Outlook
  - 7.2.4.4.1. Market Size & Forecast
    - 7.2.4.4.1.1. By Value
  - 7.2.4.4.2. Market Share & Forecast
    - 7.2.4.4.2.1. By Operation Market Share Analysis
    - 7.2.4.4.2.2. By Machine Types Market Share Analysis
    - 7.2.4.4.2.3. By End Use Market Share Analysis
- 7.2.4.5. Thailand Metal Precision Turned Product Manufacturing Market Outlook
  - 7.2.4.5.1. Market Size & Forecast
    - 7.2.4.5.1.1. By Value
  - 7.2.4.5.2. Market Share & Forecast
    - 7.2.4.5.2.1. By Operation Market Share Analysis
    - 7.2.4.5.2.2. By Machine Types Market Share Analysis
    - 7.2.4.5.2.3. By End Use Market Share Analysis
- 7.2.4.6. South Korea Metal Precision Turned Product Manufacturing Market Outlook
  - 7.2.4.6.1. Market Size & Forecast
    - 7.2.4.6.1.1. By Value
  - 7.2.4.6.2. Market Share & Forecast
    - 7.2.4.6.2.1. By Operation Market Share Analysis
    - 7.2.4.6.2.2. By Machine Types Market Share Analysis
    - 7.2.4.6.2.3. By End Use Market Share Analysis
- 7.2.4.7. Australia Metal Precision Turned Product Manufacturing Market Outlook
  - 7.2.4.7.1. Market Size & Forecast
    - 7.2.4.7.1.1. By Value
  - 7.2.4.7.2. Market Share & Forecast
    - 7.2.4.7.2.1. By Operation Market Share Analysis
    - 7.2.4.7.2.2. By Machine Types Market Share Analysis
    - 7.2.4.7.2.3. By End Use Market Share Analysis

## **8. MIDDLE EAST & AFRICA METAL PRECISION TURNED PRODUCT MANUFACTURING MARKET OUTLOOK**

### **8.1. Market Size & Forecast**

### 8.1.1. By Value

## 8.2. Market Share & Forecast

### 8.2.1. By Operation Market Share Analysis

### 8.2.2. By Machine Types Market Share Analysis

### 8.2.3. By End Use Market Share Analysis

### 8.2.4. By Country Market Share Analysis

#### 8.2.4.1. South Africa Metal Precision Turned Product Manufacturing Market Outlook

##### 8.2.4.1.1. Market Size & Forecast

###### 9.2.4.1.1.1. By Value

##### 8.2.4.1.2. Market Share & Forecast

###### 8.2.4.1.2.1. By Operation Market Share Analysis

###### 8.2.4.1.2.2. By Machine Types Market Share Analysis

###### 8.2.4.1.2.3. By End Use Market Share Analysis

#### 8.2.4.2. Saudi Arabia Metal Precision Turned Product Manufacturing Market Outlook

##### 8.2.4.2.1. Market Size & Forecast

###### 8.2.4.2.1.1. By Value

##### 8.2.4.2.2. Market Share & Forecast

###### 8.2.4.2.2.1. By Operation Market Share Analysis

###### 8.2.4.2.2.2. By Machine Types Market Share Analysis

###### 8.2.4.2.2.3. By End Use Market Share Analysis

#### 8.2.4.3. UAE Metal Precision Turned Product Manufacturing Market Outlook

##### 8.2.4.3.1. Market Size & Forecast

###### 8.2.4.3.1.1. By Value

##### 8.2.4.3.2. Market Share & Forecast

###### 8.2.4.3.2.1. By Operation Market Share Analysis

###### 8.2.4.3.2.2. By Machine Types Market Share Analysis

###### 8.2.4.3.2.3. By End Use Market Share Analysis

#### 8.2.4.4. Turkey Metal Precision Turned Product Manufacturing Market Outlook

##### 8.2.4.4.1. Market Size & Forecast

###### 8.2.4.4.1.1. By Value

##### 8.2.4.4.2. Market Share & Forecast

###### 8.2.4.4.2.1. By Operation Market Share Analysis

###### 8.2.4.4.2.2. By Machine Types Market Share Analysis

###### 8.2.4.4.2.3. By End Use Market Share Analysis

## **9. SOUTH AMERICA METAL PRECISION TURNED PRODUCT MANUFACTURING MARKET OUTLOOK**

### 9.1. Market Size & Forecast

### 9.1.1. By Value

## 9.2. Market Share & Forecast

### 9.2.1. By Operation Market Share Analysis

### 9.2.2. By Machine Types Market Share Analysis

### 9.2.3. By End Use Market Share Analysis

### 9.2.4. By Country Market Share Analysis

#### 9.2.4.1. Brazil Metal Precision Turned Product Manufacturing Market Outlook

##### 9.2.4.1.1. Market Size & Forecast

###### 9.2.4.1.1.1. By Value

##### 9.2.4.1.2. Market Share & Forecast

###### 9.2.4.1.2.1. By Operation Market Share Analysis

###### 9.2.4.1.2.2. By Machine Types Market Share Analysis

###### 9.2.4.1.2.3. By End Use Market Share Analysis

#### 9.2.4.2. Argentina Metal Precision Turned Product Manufacturing Market Outlook

##### 9.2.4.2.1. Market Size & Forecast

###### 9.2.4.2.1.1. By Value

##### 9.2.4.2.2. Market Share & Forecast

###### 9.2.4.2.2.1. By Operation Market Share Analysis

###### 9.2.4.2.2.2. By Machine Types Market Share Analysis

###### 9.2.4.2.2.3. By End Use Market Share Analysis

## 10. MARKET DYNAMICS

### 10.1. Drivers

### 10.2. Challenges

## 11. MARKET TRENDS & DEVELOPMENTS

## 12. COMPETITIVE LANDSCAPE

### 12.1. Company Profiles

#### 12.1.1. Stanley Black & Decker Inc.

##### 12.1.1.1. Company Details

##### 12.1.1.2. Products

##### 12.1.1.3. Financials (As Per Availability)

##### 12.1.1.4. Key Market Focus & Geographical Presence

##### 12.1.1.5. Recent Developments

##### 12.1.1.6. Key Management Personnel

#### 12.1.2. Parker Hannifin Corporation

- 12.1.2.1. Company Details
- 12.1.2.2. Products
- 12.1.2.3. Financials (As Per Availability)
- 12.1.2.4. Key Market Focus & Geographical Presence
- 12.1.2.5. Recent Developments
- 12.1.2.6. Key Management Personnel
- 12.1.3. Doosan Corporation
  - 12.1.3.1. Company Details
  - 12.1.3.2. Products
  - 12.1.3.3. Financials (As Per Availability)
  - 12.1.3.4. Key Market Focus & Geographical Presence
  - 12.1.3.5. Recent Developments
  - 12.1.3.6. Key Management Personnel
- 12.1.4. Sandvik AB, NSK Ltd.
  - 12.1.4.1. Company Details
  - 12.1.4.2. Products
  - 12.1.4.3. Financials (As Per Availability)
  - 12.1.4.4. Key Market Focus & Geographical Presence
  - 12.1.4.5. Recent Developments
  - 12.1.4.6. Key Management Personnel
- 12.1.5. FANUC Corporation, Moog Inc.
  - 12.1.5.1. Company Details
  - 12.1.5.2. Products
  - 12.1.5.3. Financials (As Per Availability)
  - 12.1.5.4. Key Market Focus & Geographical Presence
  - 12.1.5.5. Recent Developments
  - 12.1.5.6. Key Management Personnel
- 12.1.6. DMG MORI Co. Ltd.
  - 12.1.6.1. Company Details
  - 12.1.6.2. Products
  - 12.1.6.3. Financials (As Per Availability)
  - 12.1.6.4. Key Market Focus & Geographical Presence
  - 12.1.6.5. Recent Developments
  - 12.1.6.6. Key Management Personnel
- 12.1.7. Kennametal Inc.
  - 12.1.7.1. Company Details
  - 12.1.7.2. Products
  - 12.1.7.3. Financials (As Per Availability)
  - 12.1.7.4. Key Market Focus & Geographical Presence

- 12.1.7.5. Recent Developments
- 12.1.7.6. Key Management Personnel
- 12.1.8. Barnes Group Inc.
  - 12.1.8.1. Company Details
  - 12.1.8.2. Products
  - 12.1.8.3. Financials (As Per Availability)
  - 12.1.8.4. Key Market Focus & Geographical Presence
  - 12.1.8.5. Recent Developments
  - 12.1.8.6. Key Management Personnel
- 12.1.9. Gleason Corporation
  - 12.1.9.1. Company Details
  - 12.1.9.2. Products
  - 12.1.9.3. Financials (As Per Availability)
  - 12.1.9.4. Key Market Focus & Geographical Presence
  - 12.1.9.5. Recent Developments
  - 12.1.9.6. Key Management Personnel
- 12.1.10. Haas Automation Inc.
  - 12.1.10.1. Company Details
  - 12.1.10.2. Products
  - 12.1.10.3. Financials (As Per Availability)
  - 12.1.10.4. Key Market Focus & Geographical Presence
  - 12.1.10.5. Recent Developments
  - 12.1.10.6. Key Management Personnel

## **13. STRATEGIC RECOMMENDATIONS/ACTION PLAN**

- 13.1. Key Focus Areas
  - 13.1.1. Target Operation
  - 13.1.2. Target Machine Types

## **14. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Metal Precision Turned Product Manufacturing Market – Global Industry Size, Share, Trends, Opportunity, And Forecast, Segmented By Operation (Manual Operation and CNC Operation), Machine Types (Automatic Screw Machines, Rotary Transfer Machines, Computer Numerically Controlled (CNC), and Lathes or Turning Centers and Other Machine Types), End Use (Industries, Automobile, Electronics, Defense, and Healthcare and Other End Uses), By Region & Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/M7F8BED86479EN.html>

Price: US\$ 4,500.00 (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/M7F8BED86479EN.html>