

# **Global Metal Injection Molding Market Size study, by Material Type (Stainless Steel, Low Alloy Steel, Soft Magnetic Material, Other) by End-Use Industry (Electrical & Electronics, Automotive, Medical & Orthodontics, Consumer Products, Industrial, Firearms & Defense, Other) and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Metal Injection Molding Market is valued approximately USD 3.2 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 7.8% over the forecast period 2021-2027. Metal injection molding is the process that uses infiltration shaping systems to develop precise metal pieces. The ultra-fine aluminum alloy is combined with an adhesive to generate a substrate that is fed into the infusions forming equipment. The necessity for sophisticated molding processes for making complex structural steel that are frequently characterized by high flexibility in design and fast cycle times has fueled the global demand for metal injection molding in metalworking. The growing need for small metal parts in the automotive and aerospace industries is propelling the metal injection molding industry forward. The introduction of metal injection molding processors with well-known industry credentials like ISO 9002 and QS 9000 has boosted demand for metal - ceramic items made through the injection molding. Electronic components made with MIM technology are used in a variety of industries due to quicker processing times, the removal of secondary procedures, and superior end product binding affinities. The invention of a multitude of services that can be easily created with varying sizes and high complexities utilizing the injection molding technique has fueled market growth. For example, Cobra Golf's newest KING MIM Wedges were released in 2019, and they are the first in golf to include a fully Metal-Injection-Molded 304 stainless steel head structure. In every wedge Cobra makes, the

MIM method marks a tremendous advancement in wedge production, offering the most precise shape conceivable for genuinely excellent fall and turf interaction. However, the high prices of raw materials and the usage of feedback are two factors that limit market expansion. Furthermore, the market's growth is hampered by the size limitations of items produced by metal injection molding technologies. Also, increased competition for metal injection molding in the healthcare and medical businesses for the generation of high equipment is a major trend that is propelling the marketplace.

Rapid urbanization, technological improvements, high GDP growth rates, and growing demands from the automobiles, consumer goods, and machining industries, Asia Pacific dominates the market. Over the forecast timeframe, Asia Segment is expected to grow the most. North America position as the second largest consumer, with a CAGR of 10% momentum in the coming decades. The governments of the United States and Canada are expressing gratitude tax breaks to encourage the initiative of reducing carbon footprint, which has increased predilection for metal injection molding techniques.

Major market player included in this report are:

- Indo-MIM
- Dynacast International
- ARC Group Worldwide
- Phillips-Medisize
- Smith Metal Products
- NetShape Technologies
- Dean Group International
- Sintex A/S
- CMG Technologies
- Future High-Tech

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

**ByMaterial Type:**

Stainless Steel

Low Alloy Steel

Soft Magnetic Material

Others

**ByEnd-Use Industry:**

Electrical &amp; Electronics

Automotive

Medical &amp; Orthodontics

Consumer Products

Industrial

Firearms &amp; Defense

Others

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Metal Injection Molding Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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