

# Engineering Precision Maximizing Performance

---

Driving Automotive Fasteners with Precision & Reliability



**Major Industries Ltd**  
Hot & Cold Forming Tooling Specialists

## ***Empowering Automotive Manufacturers***

For over 40 years, Major Industries Ltd. has been a trusted leader in producing precision tooling for the automotive industry. Specializing in cold and hot forming tooling, we provide automotive fastener manufacturers with the solutions they need to meet stringent quality standards while optimizing production efficiency.

From assembly line components to safety-critical parts, our tooling solutions ensure that every fastener meets the highest standards for quality and performance.



## **Comprehensive Tooling Capabilities**

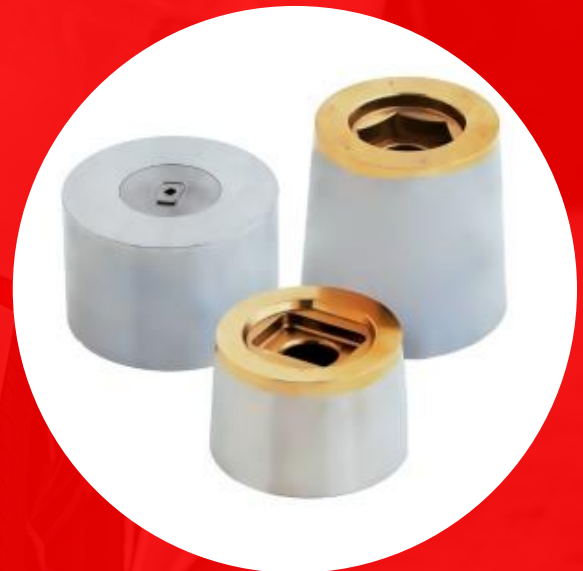
At Major Industries Ltd., we offer a comprehensive range of tooling designed to meet the specific needs of the automotive industry.

### **Dies**

Our precision-engineered dies are tailored for the efficient production of automotive fasteners, ensuring consistent and accurate shaping. Whether you're producing screws, bolts, or other fasteners, our dies maintain dimensional accuracy even under high-volume production conditions.

### **Punches**

Crafted for high strength and longevity, our punches are built to withstand the intense pressure of automotive fastener production. Their robust design ensures high reliability and minimal wear, even when working with tougher materials commonly used in automotive manufacturing.



## Die Inserts

Offering superior wear resistance, our die inserts provide longer tool life, reducing downtime and maintenance costs. . They are specifically designed to handle high-stress and high-volume applications, ensuring that your automotive fasteners are produced with precision and consistency.

## Value-added Service

We partner with customers to tackle tooling challenges head-on, analyzing materials, heat treatments, and coatings, and using our advanced metallurgical lab to uncover solutions that boost performance and extend tooling life.



## **Material & Process Excellence**

We manufacture our tools using a wide selection of steel and carbide grades, each chosen to suit specific operational demands. These materials are processed internally with:

### **Advanced Heat Treatment**

Enhances the strength and durability of tooling, ensuring it withstands extreme pressures and temperatures with ease.

### **Specialized PVD Coatings**

Adds a protective layer that enhances surface hardness, minimizes friction, and resists wear, significantly extending the life of your tooling in the toughest environments.

With our meticulous approach, every tool is built to deliver peak performance and unmatched reliability.



# **Meeting The Demands of Automotive Fastener Production**

Automotive fasteners play a crucial role in ensuring the safety, durability, and functionality of vehicles. Major Industries Ltd. tooling helps automotive manufacturers:



## **Strengthening Fasteners**

Our tooling supports the production of fasteners with enhanced tensile strength and corrosion resistance, ensuring long-lasting performance in automotive applications, including under high-stress conditions and exposure to extreme environments.

## **Increasing Production Efficiency**

Designed to reduce cycle times and minimize maintenance, our tooling allows manufacturers to increase output without sacrificing quality. This ensures you meet high-volume demands while staying competitive in the automotive market.

# **Meeting The Demands of Automotive Fastener Production**

## **Enabling Customization & Innovation**

With our bespoke tooling solutions, you have the flexibility to produce fasteners with unique specifications, sizes, and geometries. Whether for standard components or advanced systems like electric vehicles, we enable innovation while maintaining stringent quality standards.

## **Boosting Production Efficiency**

Speed and uptime are crucial in fastener manufacturing. Our tooling solutions are designed to optimize production efficiency, reducing cycle times and minimizing downtime for tool changes and maintenance. By streamlining your manufacturing process, we help you meet tight deadlines and maximize output, keeping your operations running smoothly and cost-effectively.



## **Expanding Product Range**

The automotive industry is constantly evolving, and the demand for innovative fasteners is growing. Our versatile tooling solutions give you the flexibility to create a wide range of fastener designs—whether you need custom sizes, unique shapes, or fasteners tailored to specialized applications. With Major Industries Ltd. tooling, you can stay ahead of market demands and offer a broader range of high-quality products to your customers.





## **Benefits Of Partnering With Us**

At Major Industries Ltd., we understand the unique challenges faced by fastener manufacturers in the automotive industry. Our tooling is designed to support your operations with:

### **Precision & Consistency**

Automotive fasteners are critical to the performance and safety of vehicles. Our tooling ensures that every fastener meets exacting specifications, maintaining consistency and reliability in your production processes.

### **Cost Efficiency**

Downtime and frequent tooling replacements can strain budgets and disrupt production schedules. Our tooling is built for durability, reducing wear and tear and extending service life. This means fewer replacements, minimized downtime, and lower overall production costs—allowing you to focus on meeting project deadlines and staying competitive.



## Expert Support

We don't just supply tooling; we become your partner in production. Our expert team offers ongoing support to help you optimize performance, troubleshoot issues, and explore new opportunities for innovation. Whether you need technical advice or rapid adjustments, we're here to ensure your operations run smoothly.

## Sustainability

In today's construction industry, sustainability is more than a trend—it's a necessity. Our durable tooling minimizes waste and supports eco-friendly manufacturing practices. By reducing material consumption and maximizing the efficiency of your operations, we help you align with green building initiatives and meet evolving environmental standards.



**To discover more about our  
comprehensive range of tooling,  
dimensional capabilities, advanced PVD  
coatings, and expert machining solutions  
- reach out to us today.**



**Major Industries Ltd**  
Hot & Cold Forming Tooling Specialists

---

**SUPERIOR TOOLING - GREATER PERFORMANCE**