

Engineering Precision Maximizing Performance

Precision Tooling for the Construction Industry



Major Industries Ltd
Hot & Cold Forming Tooling Specialists

Experts in Cold Forming Tooling for Industrial Fasteners

For over 40 years, Major Industries Ltd. has proudly stood as a trusted leader for industrial fastener manufacturers in the construction industry. We specialize in crafting high-quality, customized tooling for both cold and hot forming, engineered to tackle the toughest demands of modern construction applications.

With decades of experience and a commitment to innovation, we help manufacturers enhance product quality, improve operational efficiency, and lower production costs.



Comprehensive Tooling Capabilities

We produce an extensive range of tooling designed to support the rigorous demands of cold and hot forming processes. Each component is expertly crafted to ensure peak performance, reliability, and longevity in even the most challenging environments.

Dies

Our precision-engineered dies are designed to deliver optimal shaping for a variety of fastener designs. Built for durability, these dies maintain their integrity and accuracy over prolonged use, minimizing downtime and ensuring consistent quality in production.

Punches

Manufactured with a focus on high-strength and repeatability, our punches are heat treated to withstand the pressures of continuous operation. Whether for standard or custom applications, they provide exceptional reliability and performance, even in high-volume manufacturing.



Die Inserts

Designed for superior wear resistance and extended longevity, our inserts excel under high stresses and complex shaping requirements, all while maintaining exceptional precision over time. Their reliable performance significantly reduces the need for frequent replacements, ensuring efficiency and cost savings in your operations.

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.

Supporting Construction Fastener Manufacturers

Fasteners play a critical role in the construction industry, where reliability, durability, and the ability to endure extreme conditions are non-negotiable. At Major Industries Ltd., our precision tooling is designed to help manufacturers achieve these goals and more, ensuring that every fastener is built to withstand the demands of even the toughest construction environments.

Strengthening Fasteners

With our high-performance tooling, you can achieve superior tensile strength and exceptional corrosion resistance in your fasteners. Whether your fasteners are used in structural steel, heavy-duty applications, or exposed to harsh weather conditions, our tooling ensures that they meet the highest standards for strength, reliability, and longevity.



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 construction 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.



With our expertly manufactured tooling, you will produce fasteners that deliver unmatched performance, ensuring the safety and success of construction projects, while optimizing your manufacturing process and expanding your product offerings.



Benefits Of Partnering With Us

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

Precision & Consistency

Construction demands fasteners that perform flawlessly under high stress, ensuring the integrity of every build. Our precision-engineered tooling delivers unparalleled consistency, ensuring each fastener meets strict standards for strength, reliability, and safety. With our tools, you can produce fasteners that meet even the most stringent industry certifications.

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.**



SUPERIOR TOOLING - GREATER PERFORMANCE