



Exceptional Service – The Best Part Of Our Parts

MATENAER
CORPORATION
Stamping, Machining, Fabricating,
Coating and Threaded Product Solutions

WWW.MATENAER.COM • 800.254.0873

CUSTOM & SPECIAL WASHERS • STAMPING • MACHINING • LASER CUTTING • FABRICATIONS • ASSEMBLIES
COATING • THREAD ROLLING • HOT FORGING • LARGE STUDS, NUTS & BOLTS

Your Contract Manufacturing Specialists

Matenaer Corporation proudly continues on its fourth decade of providing innovative solutions to its diverse customers' component part procurement requirements. Since 1972, we have been producing special washers and metal stampings for fastener distributors and original equipment manufacturers for a variety of industries including wind turbines, agriculture, lawn and garden, heavy truck, construction hardware, automotive, engine and transmission, construction equipment and consumer products.

Matenaer Corporation's mission has always been to provide the highest service level to our customers and to continually improve our organization and capabilities. We have done just that by expanding our product offerings to include Machined Parts and Fabricated Components, Assemblies, Thread Rolling, Hot Forging, DACROMET®, GEOMET® and DELTA® coatings.

Combining the expansion of our facility to 100,000 sq. ft., the addition of state-of-the-art CNC Turning and Machining Centers, CNC Laser Centers, CNC Press Brake, Thread Rolling Equipment, Hot Forging Presses and welding equipment and full coating line with our highly trained and responsive people makes Matenaer Corporation your only choice for high quality, superior service one-stop shopping.

From simple parts to complex, problem parts where you don't know where to turn, count on Matenaer Corporation for solutions to your stamping, machining, fabricating, and coating needs.



262.338.0700

Sales Fax: 800.401.7101

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STATE-OF-THE-ART CAPABILITIES

In addition to our tried-and-true metal stamping machinery, Matenaer is proud to offer state-of-the-art equipment to meet all your part and prototype needs, including:



Hi Speed
Production Press



CNC Cell Man-
ufacturing



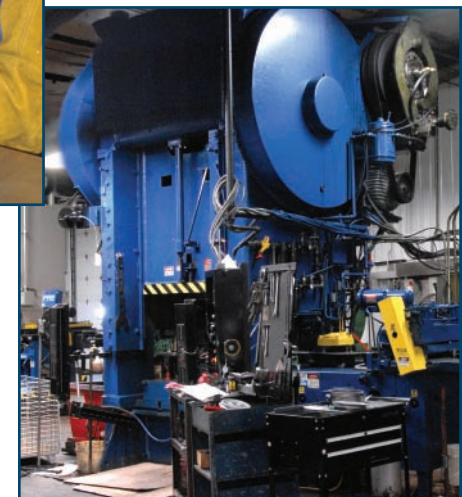
Welding



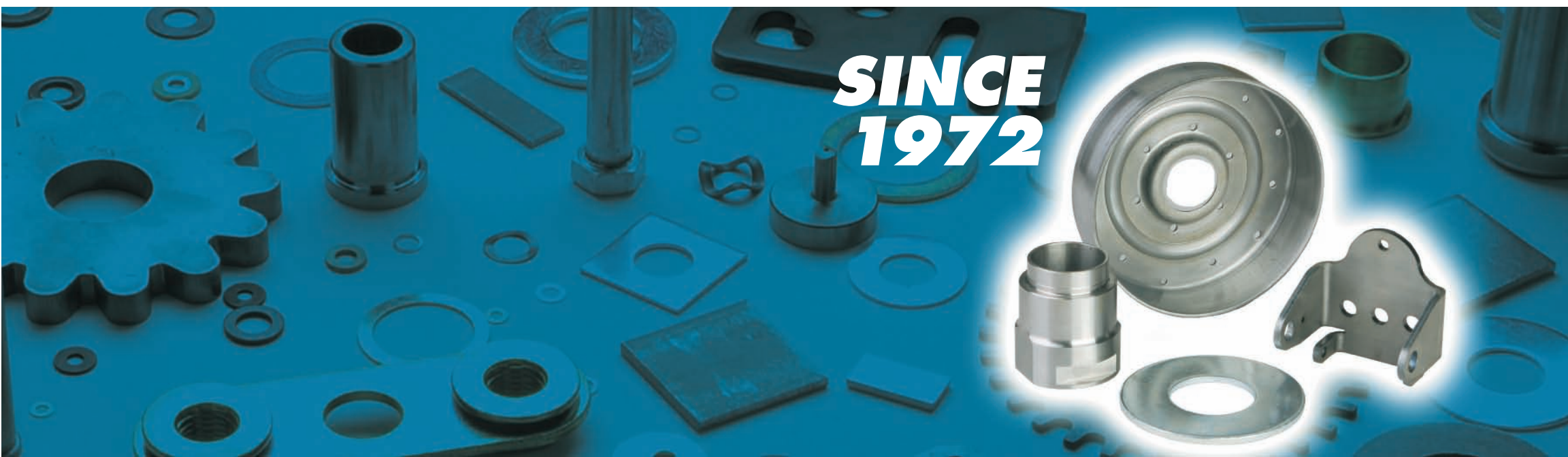
Thread Roller



CNC Laser Center



500 Ton Press



**SINCE
1972**

CUSTOM & SPECIAL WASHERS

Even though Matenaer Corporation is evolving and changing you will still get what we are famous for, the highest quality and the highest service level in the industry, at no extra cost. In fact, our fully staffed, experienced sales department will always offer cost-saving production and purchasing alternatives.

- We specialize in difficult-to-make, close-tolerance, out-of-the-ordinary washers
- Produced by stamping, laser cutting or CNC machining
- Emergency production runs usually available with no break-in charge
- The most flexible production capabilities in the industry
 - 1000's of tools available including tools for wave washers, spring washers, belleville washers
 - In-house state-of-the-art tool shop
 - 4,000,000 pound steel inventory with in-house slitting capability
- From .250" O.D. up to 60", I.D. as small as .025", and thicknesses from .004" on up
- Short run, long run or prototypes quantities
- Carbon steel, spring steel, stainless steel, brass, copper, aluminum, phos. bronze, nylon and any other material that can be stamped, laser cut or machined
- We quote and provide the part complete because all secondary operations such as heat treating, plating, flattening, painting, grinding, forming, tapping, notching and chamfering are handled by us



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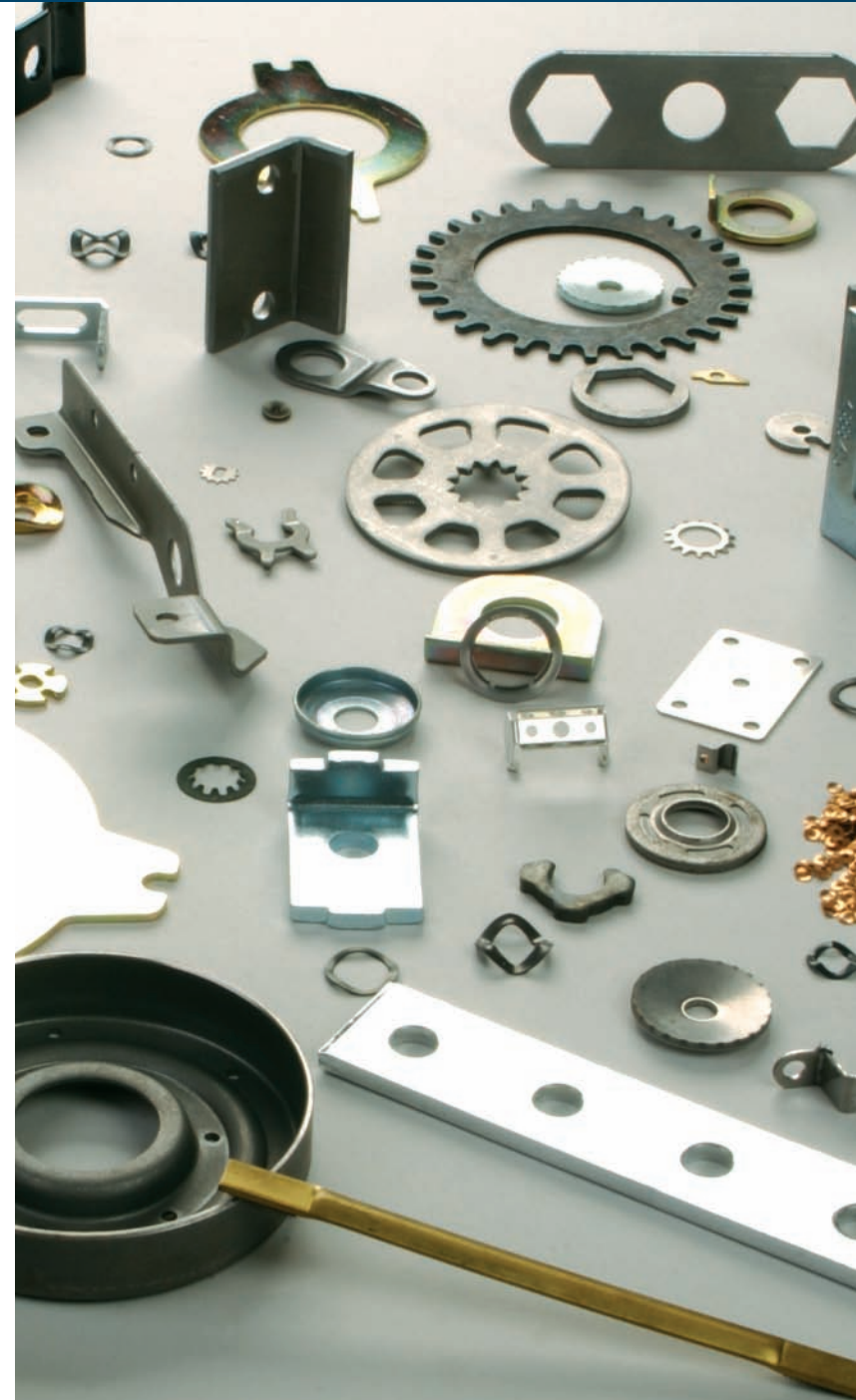
METAL STAMPINGS

For years Matenaer Corporation's primary focus was on special washers and flat stampings. As our customers' needs increased, Matenaer Corporation responded by providing solutions to these demands for a wider array of products utilizing high-speed presses for higher volume requirements all the way to a 500-ton press capable of stamping parts up to ½" thick.

- We now provide our customers with stamped products using:
 - **Compound dies** – where low tool cost and flatness are critical, the process by which most washers and simple stampings are produced
 - **Progressive dies** – the method by which many higher-volume or more intricate, three-dimensional parts are produced
 - **Drawn stamping to 3" depth** – the method by which deeper, three-dimensional parts are produced
- All dies are made in-house, which is more cost-effective (no overhead or profit of outside tool shop) and results in shorter lead time
- We control timeliness and quality of die production and part production
- Prototypes can often be laser machined or formed or a combination thereof to allow for design changes without the high cost of changing tools and dies
- Stamping projects can utilize Matenaer's full range of secondary operations, materials capabilities, and the service for which we are famous
- CAD service available to assist with design changes to parts



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QUALITY ASSURANCE & VALUE-ADDED PROGRAMS

Our Quality Philosophy:

- Consistently achieving customer satisfaction by providing products which meet print specifications, product requirements, timely delivery and efficient support services
- Continuous improvement through implementation of Six Sigma/Lean methodologies
- Empowered employee teams focused on customer needs
- Increased capabilities through continual training, predictive maintenance and re-investment



Our Quality System:

- ISO 9001 certified
- Documentation, certification and traceability from original mill heat through final product finishing
- Complete quality lab with dimensional, hardness and coating metrology capabilities
- GD&T, FMEA and collaboration as necessary to assist customer integration
- Full PPAP, SPQ and ISIR documentation upon customer request



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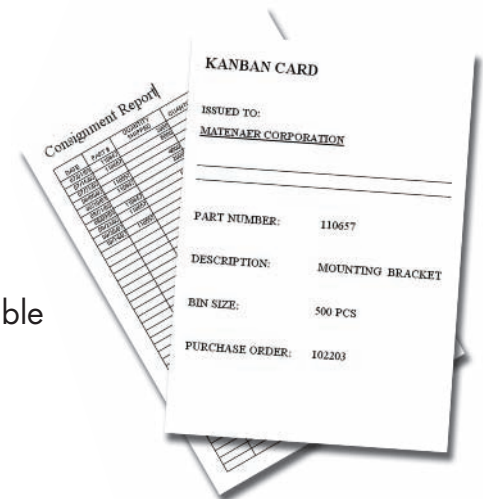
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Value-Added Programs

- Our experienced staff is trained to offer cost-saving purchasing, production, material and packaging alternatives
- We have years of experience in providing custom labeling and packaging including poly bagging, bulk containers and reusable containers
- Customer-specific release, kanban and consignment programs can be designed and managed by our staff
- CAD design services available



LASER CUTTING; FABRICATED COMPONENTS & ASSEMBLIES

Laser cutting, forming and welding capability are key to Matenaer's ability to provide solutions to your fabrication needs.

- Individual components or complete assemblies can be produced by:
 - **Laser Cutting** – Matenaer Corporation has the latest in CNC Laser technology to produce an infinite variety of shapes and sizes. Our 4000 watt Laser Center cuts parts up to .875" thick by 60" wide by 120" long. Our newest laser is equipped with a cost-effective, fully automated load-unload system
 - **Forming** – Components are formed and bent utilizing state-of-the-art CNC Press Brake technology. Capacities up to .500" thick or 10' in length. Tolerances are held within one degree
 - **Welding** – Fabricated assemblies requiring welding are produced in our facility by highly skilled welders using the latest in MIG and TIG welding equipment and techniques
- All components requiring machining prior to or after assembly are machined in-house to ensure the highest quality, lowest costs and shortest lead time
- All Fabrication processes are fully supported by our CAD system and the latest CMM technology
- Fabricated materials include steel, stainless steel and aluminum



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CNC MACHINED PARTS

Your part doesn't have to have a name for Matenaer Corporation to make it. We provide solutions to our customers' difficult, problem parts every day in our modern facility with state-of-the-art CNC Turning Centers and CNC Machining Centers.

- From simple pins, bushings, spacers and threaded fasteners such as plain or slotted nuts, cap screws and bolts to close-tolerance, high-precision, multi-process unique application components
- Processes include turning, milling, drilling, tapping, boring, slotting, reaming, rotary broaching and threading
- Turning capacity up to 17" O.D. by 34" long
- Machining capacity up to 20" wide by 40" long by 17" high and up to 1,500 pounds
- Cost-effective automatic bar feed for parts up to 3" in diameter
- High-production live tooling/barfeed machining cell
- All CNC projects can utilize Matenaer's full range of secondary operations, materials capabilities, and service for which we are famous
- Fully supported by CAD design and CMM technology



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NEW

COATINGS

We're the Wisconsin-based licensed applicator of DACROMET® and GEOMET® coatings specializing in their application to stampings, washers, nuts, threaded rods, large-diameter bolts/studs and tubing. This capability is available for parts we produce or for parts from other manufacturers.

Unique capabilities:

- Rack and spin up to 30" long
- Dip or spray application available

Key advantages over conventional dip spin lines:

- Provides consistent coverage on all shapes by eliminating touch points and minimizes hydraulic lock on flat parts
- Eliminates thread damage caused by bulk dip spin

Exceptional corrosion-resistance:

- Up to 1,000 hours resistance to salt spray
- Thin coatings; thickness 0.2–0.3 mils
- Extremely environmentally friendly, plus the GEOMET® coating is completely chromium free and RoHS compliant



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The image shows a collection of various metal fasteners and components, including bolts, nuts, washers, and stamped parts, all coated in a uniform, light-colored finish. A blue oval graphic is overlaid on the top right of the image, containing the Dörken logo and the text "Licensed Applicator of DELTA-MKS® coatings." The Dörken logo consists of a stylized 'D' with a yellow and red square to its left.

THREADED PRODUCTS - BOLTS, NUTS, STUDS

Matenaer offers threaded products including precise, high integrity large diameter bolts, nuts and studs for critical applications in many diverse industries such as wind, oil, agriculture, tower construction, power generation, and construction. We specialize in providing cost saving solutions for your prototype to production needs.

- Upset forge and press capabilities
- Forged or machined large bolts, nuts and studs
 - Bolts: Hex, Heavy Hex and Socket Head
 - Nuts: Hex, Heavy Hex and Flat Jam
 - Studs: Full Thread and Double Ended
- Forged blanks available
- All standard specifications - ASTM, ASME/ANSI, ISO, DIN, IFI, and SAE
- Made-to-order specials to your specification
- Metric and Standard Rolled threads M12-M114
- CNC Machining
 - Threading, Turning, Milling, Grinding, Slotting, Drilling, and Broaching
- State-of-the-art in house tool shop

Matenaer provides complete parts including coating, plating and kitting per your specification.



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