Dip-Spin Coating

J&M Plating has invested in the latest technology dip-spin processing equipment to apply Doerken Delta-MKS® coatings for our marketplaces. In addition, J&M employs processing techniques that will ensure reliable quality & delivery performance.

Doerken high corrosion resistance coating systems are specified by the world’s largest OEM’s and Tier 1 suppliers that include automotive, construction, electrical, agriculture, heavy equipment, aviation, and other industrial markets. The Delta-MKS® microlayer coating systems yield excellent corrosion resistance while being user friendly to a wide variety of part configurations. Doerken Delta-MKS® coating systems are RoHS/ELV compliant.

Celebrating 27 years

Of providing metal finishing solutions

Since J&M Plating’s beginning in 1986 as a zinc electroplater, the cornerstone of our business philosophy has been that our customers are our business partners. That philosophy still holds true today as a full service provider offering heat-treating, dip-spin coating, zinc electroplating, and sorting. In all of our business operations, our employees are constantly looking for ways to improve our business relationships and to truly become active partners in our goal of attaining a greater competitive advantage for each and every one of our customers as well as for us.

About J&M Plating

J&M Plating is an industry leader in providing engineered solutions to the fastener and small stamping marketplaces. Utilizing state of the art heat-treating, coating, plating, and sorting equipment while employing the most stringent of systems and procedures for process control, we continually strive to exceed our customer’s quality and service performance expectations.

J&M Plating is a 167,000 sq. ft. state-of-the-art facility offering one stop shopping to the fastener and small stamping marketplaces. J&M is certified to the ISO9001:2008 quality standard and our heat-treating and plating laboratories are ISO/IEC 17025:2005 accredited in the area of testing-mechanical.

J&M Plating, Inc.
4500 Kishwaukee Street • Rockford, IL 61109
(815) 964-4975
www.jmplating.com
Heat Treating
J&M Plating has been bulk processing heat treat since 2002. We employ the most stringent of systems and procedures to meet the quality demands of today's Automotive and Industrial OEM's. Accordingly, J&M operates our heat treat department in accordance with the AIAG CQI-9 system requirements while providing superior service performance to our customers.

Heat Treating Processes & Specifications
Two 4,000 lb. per hour and one 2,000 lb. per hour continuous mesh belt furnaces with automated loading and pre-wash.

Case Hardening (1021, 10B21, 1022, 10B22).

Neutral Hardening (10B21, 1022, 1038, 4037).

Size Capabilities:
Diameter: #4 thru 1/2 inch
Length: Up to 6 inches

Heat Treat Lab is ISO/IEC 17025:2005 accredited in the area of testing-mechanical.

Plating
J&M Plating has been processing zinc electroplate and zinc phosphate since the company’s beginning 25 years ago. Since that time, the equipment, process techniques, and process control monitoring systems have improved dramatically. J&M was also a pioneer in the industry working together with Jessup Engineering to design the first fully automated zinc electroplating line in North America.

With this combination of experience, trained people, and state-of-the-art equipment, today J&M is a leader in the industry. J&M processes in accordance with the AIAG CQI-9 system requirements.

Sorting
J&M Plating has been sorting fasteners since 2001. Several of our trained sorting staff have been in the business for over 15 years. Due to the increase in automated assembly at the OEM’s and Tier suppliers, we have developed a sorting department that is able to understand the complexities involved in the manufacturing and assembly operations. Today we are company that has the confidence of the fastener industry in our ability to deliver with quality, performance, and solutions to the Automotive and Industrial markets.

Sorting Processes/Services
Machine - Vision
Hand Sort
Packaging
Labeling

Laboratory Services
J&M Plating employs the most current Statistical Process Control methods to control our baths and ensure consistent quality through the entire production process. Our established SPC methods provide traceability and certify that the exceptional level of quality we establish for your initial order is repeated and reproduced for every subsequent order.

Accredited Lab Services
ISO/IEC 17025:2005
Assured Calibration and Laboratory Accreditation
Select services (AClass) A2LA Equivalent

Heat Treat Testing
- Rockwell Hardness - ASTM E18
- Micro Hardness - ASTM E384
- Decarburization - ASTM J419
- Case Depth - SAE J423

Plate Testing
- Salt Spray - ASTM B117
- Plating Thickness - ASTM B568
- Phosphate Coating Weight
- ASTM B767 - ISO 3892
- Adhesion Test - ASTM B571