

Quick turnaround on customer orders.

Quality, commercial and specification metal finishing in small to large quantities.



## OVER 17 CORROSION-RESISTANT, DECORATIVE PLATING AND FINISHING RELATED SERVICES

- **Zinc/Nickel Alloy** (Automatic Rack and Barrel; Manual Rack and Hoist)
- **Zinc** (Manual Rack, Barrel, and Hoist)
- **Zinc/Cobalt Alloy** (Manual Rack, Barrel, and Hoist)
- **Zinc/Zinc Alloy Trivalent Passivates** (Clear, Yellow, Black, Topcoat seal, RoHS compliant)
- **Nickel** - Bright Decorative (Automatic Rack; Manual Rack and Barrel)
- **Chrome** - Bright Decorative (Automatic Rack)
- **Black Oxide** (Manual Rack, Barrel, and Hoist)
- **Tin** - Bright and Matte (Manual Rack and Barrel)
- **Zinc Phosphate** (Manual Rack, Barrel, and Hoist)
- **Baking** (To Relieve Hydrogen Embrittlement)
- **Pickling, Cleaning, Oiling**
- **Hexavalent Chrome Free Conversion Coatings and Passivates** - For Aluminum and Zinc (Manual Rack, Barrel, and Hoist)



We value you as a customer. We value our environment.

Each day we strive to live by these values: honesty, integrity, transparency, justice, fairness, equity, kindness, mercy, and charity.

### Serving these industries:

Automotive	Electrical
Agricultural	Electronic Controls
Construction	Defense
Metal Fabrication	Other Industries
Machining	

### We also offer:

- **PPAP & PFEMA**
- **Local Pick-Up/Delivery**
- **Free Sample Processing**
- **Major Credit Cards Accepted**
- **Laboratory Testing**
  - Salt Spray Testing
  - Atomic Absorption Mass Spectrophotometry
  - Thickness and Alloy Composition Testing (XRF\*)
  - Certifications to Plating Specifications
- **Statistical Results and Thickness Test Reports**
- **Processing Customer Prototypes**
- **Sub-assembly**
- **Packaging**
- **Drop Shipments**
- **Process Development for Special Customer Applications**



\*X-Ray Fluorescence

#### Primary Production Facility

620 Stannard Street  
Racine, WI 53403  
www.wisconsinplating.com  
(262) 632-1694

#### Satellite Production Facility

931 Carroll Street  
Racine, WI 53403  
Phone: (262) 631-6120

#### Main Office

620 Stannard Street  
Racine, WI 53403  
(Office entrance is on 6th Street)

#### Mailing Address

P.O. Box 1813  
Racine, WI 53401-1813

# COMMON SPECIFICATIONS

## ZINC/NICKEL ALLOY

AMS 2417  
ASTM B841  
ASTM F1941 /F1941M Fe/Zn- Ni  
CAT 1E0397F  
CNH 87272645  
DBL 8451 ZnNi  
DIN 50979  
FMI00, PL20, Type III  
Ford WSS-M1P87  
GMW4700  
HydraForce 7706XXX: PLT033; PLT036  
ISO 19598 ZnNi  
JDM F19  
JDM F21  
JDM F26  
Rockwell 40001-077  
Telsa TM-0009F-M  
TS H6532G

## ZINC/COBALT ALLOY

ASTM B840  
ASTM F1941 /F1941M Fe/Zn-Co  
MS-202

## CHEMICAL FILM CONVERSION COATINGS ON ALUMINUM

ASTM B449  
7.3 of MIL-STD-171  
MIL-DTL-5541 Type II only

## ZINC

AESTH6524G  
AMS 2402  
ASTM B633  
ASTM F1941/F1941M Fe/Zn  
Briggs 328K  
CAT 1E0397B, E, G, H  
CNH MAT0310  
ESPEC 805-050  
FMI00, PL20, Type I  
HES D2003-05 MFZn  
ISO 2081  
JDM F15  
JDM F19  
JDM F23  
Rockwell 4001-051

## ZINC PHOSPHATE

ASTM F1137  
5.3.2 of MIL-STD-171  
Carlise 661  
JDM F10  
JDM F27  
Mercury M-105  
MIL-DTL-16232 Type Z

## BLACK OXIDE

AMS 2485  
3.3.1 of MIL-STD-171  
Cat 1E2361  
MIL-DTL-13924

## TIN

ASTM B545  
1.8.1 of MIL-STD-171  
Cat 1E4376  
DRS 50-80  
GM4250M  
Rockwell 40001-053  
S&C PSP 2279

## DECORATIVE NICKEL & NICKEL CHROME

ASTM B456  
Cat 1E2754

**NOTE:** This is a partial list of specifications from our library. Contact us if a specification you are looking for is not listed.



**CONTACT US TO REQUEST A QUOTATION**  
**(262) 632-1694**

**Office Hours: M - F 7:00 am to 4:00 pm. [sales@wisplate.com](mailto:sales@wisplate.com)**

*"Come to me, all you who are weary and burdened, and I will give you rest."*

*- Matthew 11:28 (NIV)*