

# Zinc Plating Services



## Northern Wire

We offer standalone zinc plating services for metal components. For the past 30 years, Northern Wire's expert technicians have been producing the highest quality plated products. Our plating process is automated to reduce lead time and includes both rack and barrel plating, ensuring that we can service a wide variety of components from across the United States.

**Standalone Service:** Available for internal and external parts

**Plating Thickness:** 0.003" to 0.05"

### Types of Zinc Plating

- ✓ F23C
- ✓ Zinc Clear per B633
- ✓ Yellow Zinc

### Rack Plating

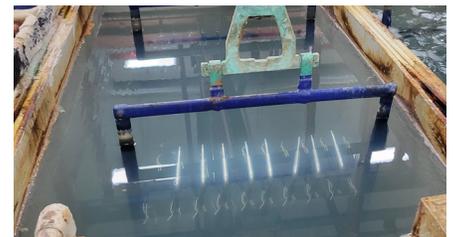


### Barrel Plating



## Benefits of Zinc Plating with Northern Wire

- 30+ years of experience
- Guarantee 280 hours salt spray test to red corrosion
- Monthly state testing for environmental standards and impact
- Bi-yearly testing for national clean discharge standards
- Multiple types of zinc plating available





# Zinc Plating: Overview & Advantages

Zinc plating is a finishing process that strengthens components and increases their durability. It is particularly useful for parts used in corrosive environments, as zinc provides protection against harmful elements.

In most cases, zinc plating is completed via submerging components into a container of zinc solution by placing components on the bottom of a barrel or by hanging components on a rack that is lowered into the zinc solution. The longer components are submerged, the thicker the plating.

## Advantages of Zinc Plating

- Increased durability
- Improved corrosion resistance
- Enhanced aesthetics
- Cost-effective
- Lightweight

## Common Zinc Plated Products

- Springs
- Fasteners
- Wire forms
- Automotive components
- Military and defense parts
- Oil and gas components



## More from Northern Wire

- Wire form and wire fastener manufacturing**
- Lengths: 1/2" to 12'
  - Diameters 0.125" to 1"

### Get In Touch

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**Chamfering**



**Coining**



**Collaring**



**Drilling**



**Extruding**



**Grooving**



**Knurling**



**Machining**



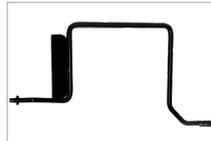
**Piercing**



**Tapping**



**Threading**



**Welding**