

WHITAKER FINISHING IS THE LEADER  
IN BARREL CHROME TECHNOLOGY

Our newly developed proprietary "barrel chrome" process provides the most cost effective source of chrome plating for small parts of any size and shape. This process not only eliminates the often noticeable "rack marks" but also the tooling expense normally associated with traditional rack plating.

Some examples of the parts we presently barrel chrome plate include:

- Motorcycle spoke nipples
- Flat washers
- Lock washers
- Acorn nuts
- Standard nuts
- Automotive wheel nuts
- Miniature screws of various shapes and sizes
- And many more.

Whitaker Finishing is able to provide barrel chrome plating to meet the following specifications:

- ASTM B 456SC-1
- ATE N 106 61 00
- Builders Hardware Mfg Assoc QQ-C320 Class 1 Type 1
- Builders Hardware QQ-N-320 Class 1. Type 1
- Chrysler PS-5565
- Freightliner F/L 49-00002-003
- GB-106 SC-2
- General Motors GM4255M
- General Motors GM4372M/73M/74M
- General Motors GMW 15823
- General Motors GMW 14672
- Harley Davidson ES805-43226 SC3
- Ford WSB-M1P78-1
- Ford WSS-M1P91-A1
- Ford S47
- Mazda MES CG 310 MFNIT1
- Mazda Motors MFCR2-H
- Navistar CEMS G-195CRB
- Nissan Motors NES M4063
- Toyota TSH6504G-B

If you have small parts that require chrome contact E.J. Peck at [sales@ejpeck.com](mailto:sales@ejpeck.com) today for a quote.



**WHITAKER**  
FINISHING

Contact Whitaker Finishing for all your plating and metal finishing needs

At Whitaker we welcome your request for a quotation or for more information about our plating and metal finishing services. We can also evaluate your plating requirements and suggest cost effective solutions or alternatives.

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QUALITY METAL FINISHING,  
SHINING FOR GENERATIONS.



## WHITAKER FINISHING HAS BEEN IN THE PLATING AND METAL FINISHING BUSINESS SINCE 1898.

For more than 100 years we have been supplying industry with quality metal plating including cyanide copper, nickel and nickel/chrome to name just a few.

Whitaker builds on its 19th century tradition of old world craftsmanship with the latest in technology and equipment and process development. We recently introduced our proprietary "barrel chrome" process for the chrome plating of small and medium size fasteners and small parts.

Today, Whitaker Finishing in Northwood, Ohio is a premier source for metal finishing serving the needs of customers as far away as Missouri, Tennessee, Iowa, and Texas.

Whitaker can provide pick up and delivery service within the adjoining states utilizing our own trucks. Please let us know how we can assist you in meeting your delivery requirements.



### WHITAKER FINISHING SPECIALIZES IN THESE PROCESSES:

- CYANIDE COPPER PLATING
- PROPRIETARY "BARREL CHROME"
- BRIGHT NICKEL AND DUPLEX NICKEL/CHROME
- ELECTROLESS NICKEL
- COPPER STRIP
- BRIGHT DIP
- PASSIVATION
- POLISHING

### COPPER PLATING

Whitaker Finishing provides cyanide copper plating for use in a variety of applications and industries. Typical applications include weld studs, weld nuts, brake and clutch plates, standard nuts and washers, as well as a variety of refrigeration components. Plating thicknesses range from a copper flash to more than .001" in certain clutch and brake applications.

Whitaker Finishing provides copper plating in both barrel and rack applications. Our copper flash plating is also used as a base for subsequent deposits such as nickel and nickel/chrome.

Cyanide copper plating can also be used on steel substrates for prevention of carbon penetration during selective carburization also known as heat treat stop-off.

Copper Specifications Include:

- |                |               |
|----------------|---------------|
| • AMS 2418F    | • MES CG 310D |
| • ASTM B734    | • PS-792      |
| • ES81-310     | • PS-949      |
| • GM-4250M     | • PS-4935     |
| • GME-00252    | • VW 137 50   |
| • ISO 4042 C3J | • WX-100 S403 |

### ELECTROLESS NICKEL PLATING

We provide electroless nickel plating on a variety of substrates including aluminum, brass, and steel in both rack and bulk plating processes. We can accommodate customers who require cadmium and lead free electroless nickel for ROHS and ELV compliance. Electroless nickel plating chemicals are available in bright, ultra bright, and semi bright.

### RACK NICKEL AND NICKEL/CHROME PLATING

Rack nickel and nickel/chrome plating is available on a variety of part shapes and sizes and can be applied in a range of thickness to accommodate your particular application or service condition. Substrates include steel, stainless steel, and brass. We also provide chrome plating over electroless nickel on aluminum substrates.

### BARREL CHROME PLATING

This newly developed process provides a superior chrome plated finish on many types of fasteners and small parts. This process can be used on steel, brass, and many other base metals, providing a cost effective alternative to rack plating.