

# NORTHERN STATES METALS



## Your One-Stop Aluminum Extrusions & Component Services



[sales@extrusions.com](mailto:sales@extrusions.com)  
[www.extrusions.com](http://www.extrusions.com)  
1 (800) 689-0666

## A Single Point of Contact From Design Through Delivery

Northern States Metals (NSM), a leading provider of aluminum extruded components and services, is a one-stop, full service organization with available extrusion sizes ranging from 1/4" to 24" circle. Specializing in customized products, NSM has a network of aluminum extrusion services, along with fully customizable, in-house fabrication facilities. We simplify business for our clients with single-point-of-contact accountability. With one representative coordinating your account, our engineering team will review, revise or create the initial design and help to establish the best possible profile and materials for your application. Our services include manufacturing, finishing, assembly and supply chain management to ensure your products availability and delivery when and where you want it.

“We were impressed with the quality of Northern States Metals services, their design ingenuity to help us reduce costs, and their attention to customer satisfaction.”

- *Pasquale Romano, CEO,  
ChargePoint*



## Serving Over 30 Industries

Aerospace

Audio Visual

Automotive

Charging Stations

Construction

Doors & Windows

Education

Farming

Food & Beverage

Furniture

Hydraulics

IT

Lighting

Manufacturing

Medical

Military

Office Equipment

Oil & Gas

Outdoors

Packaging

Refrigeration

Restaurant Equipment

Retail

Robotics

Roofing

Signage

Solar

Sporting Goods

Thermal Management

Transportation

Vending

Weapons & Firearms

“Northern States Metals is committed to providing superior service and value to our customers. We invite you to experience our capabilities.”

*- Ken Mack, CEO,  
Northern States Metals*





## Managing Projects Worldwide

Northern States Metals' 100,000 sq. ft. manufacturing facility is located in Youngstown, Ohio. From this convenient location, the team manages projects from design engineering, extrusion, fabrication, finishing, assembly, through to packaging and shipping around the world.

## Emphasizing Quality



Northern States Metals' facilities have been audited and certified to international standards for quality management. Northern States Metals' employees carry that long-standing tradition of quality through all elements of our customer programs ensuring a cost-effective and dependable supply chain that meets or exceeds your quality standards.

## Delivering Cost-Effective Extrusions

With nearly 50 years of experience, Northern States Metals translate their deep industry knowledge and expertise into exceptional value through design innovation and project planning. Through our vast network of contacts, NSM is able to structure your supply chain for technical, cost and delivery requirements. Northern States Metals delivers the highest quality extrusions at the most cost competitive pricing.



## DESIGN ENGINEERING AND INNOVATION

Our highly-skilled design engineering team has extensive experience working with leading companies in a wide range of industries to deliver innovative, sophisticated designs, and extruded components that meet all customer requirements. Our team approach ensures open collaboration with clients' stakeholders, across all key departments, to verify and optimize product design – using CAD technology for extrudability, quality, appearance and overall cost.

The goal is to help you achieve the best possible product that meets or exceeds your requirements. It's what Northern States Metals have been doing for nearly 50 years.

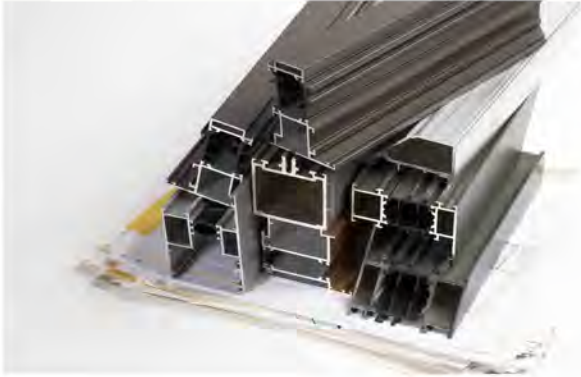
Our design engineering services include:

- Services using CAD technology
- Finite element analysis
- Prototyping & die design assistance for extrudability

sales@extrusions.com

www.extrusions.com

1 (800) 689-0666



## COST EFFECTIVE EXTRUSIONS

Northern States Metals has the ability to precisely match your individual requirements to the most cost-effective sourcing. Our experience and network allow us to help clients reduce time to production and optimize operations and logistics. Our continued commitment to quality, research & development, and customer service has established Northern States Metals as a leader in the industry.

Our capabilities allow us to handle:

- Domestic & international production
- Multi- & semi-hollows
- Dies from 1/4" (miniature) to 24"
- Tolerances to + / -.001"



## FABRICATING AND FINISHING

From simple machining, to custom shapes requiring the most sophisticated CNC programming, Northern States Metals has the in-house technology and capabilities to handle your requirements:

- Drilling/Punching/Piercing
- Precision Cutting & Mitering
- Complete CNC & Conventional Machining
- ISO 9001
- Welding
- Bending

At Northern States Metals, we understand the intricacies of selecting the right finish for resilience, durability, usability, and aesthetics. With a full spectrum of resources offering a vast range of high quality finishes, Northern States Metals can fulfill almost any need and match any color.

Our finishing services include:

- Bronze/Black Anodizing
- Powder Coating
- Clear & Color Brite Dip
- Clear & Color Anodizing
- Precision Masking
- Polishing
- Brushing
- Wet Paint
- Grain Finish
- Silk Screening

# Single-Point-Of-Contact Accountability



## ASSEMBLY, PACKAGING AND SHIPPING

From simple designs to some of the most challenging packaging requirements, Northern States Metals utilizes its in-depth expertise to recommend and develop custom package solutions for customers around the world. From design to completion, we develop high quality packaging to specified requirements including:

- Boxing
- Custom Packaging
- Export Packaging
- PEM Insertion
- Shrink Wrapping
- E-commerce
- Riveting
- Bar Coding
- Palletizing