

DAHLSTROM ROLL FORM

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DAHLSTROM[®]

DAHLSTROM ROLL FORM

- Roll Formed Profiles
- Brake Formed Shapes
 - Special Clips
 - Lap Seam Tubing
- Secondary Operations
- Over 1600 Standard Shapes
Tooled To Run



NUMBER 17

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ISO 9002 CERTIFIED



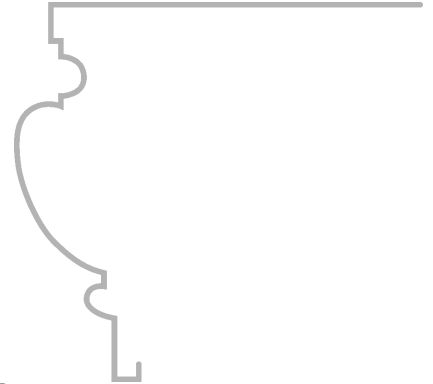
INTRODUCTION

Since 1904, the name Dahlstrom[®] has been synonymous with the accepted standard of excellence in custom roll formed products. This catalog offers roll formed profiles and brake formed shapes in over 1600 unique designs.

The designation of “Dahlstrom[®]” as a standard specification by leading manufacturers, architects and designers has enabled us to offer the very broad range of products in this catalog.

If you are unable to locate the profile or shape you require, forward your design to us and we will develop a plan to support your requirement.

Call us today and let the Dahlstrom[®] heritage and experience work for you.



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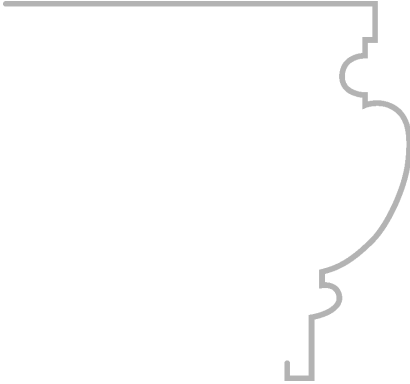
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PRODUCT AND ENGINEERING DATA



Roll Form Applications: Industries utilizing sheet metal products can benefit from roll forming technology when the requirements include high volume, uniformity of product on a consistent basis and a dependable on-going source of supply. Dahlstrom supplies the mass transit; elevator/escalator; truck, bus, boat; shelving & store display; architectural and general building construction industries, including RFI shielding; and industrial products.

Materials: Dahlstrom shapes are fabricated from a wide variety of coil and sheet metals including: cold rolled, hot rolled pickled and oiled, high strength low alloy, galvanized and galvanized steels; stainless steel; copper; brass; bronze; aluminum; and titanium. Some shapes are available in steel only, such as welded shapes or those with tooling not developed to process a particular material.

Material Thickness: Current capabilities allow for use of .016" to .200" for products produced from coil material and .016" to .130" for products produced from sheet material.

Lengths: Dahlstrom can handle roll formed shapes up to 85 feet long. Brake formed shapes can be handled up to 10 feet in length, with a few dies available up to 12 feet in length. Most shapes can be cut to specific lengths.

Tolerances: Many cross sectional shape dimensions can be held to .030", with tighter and/or looser tolerances depending upon customer requirements, processing capabilities and tool investment.

Shape variations: Variations to the catalog shapes are somewhat limited. The Universal angles and channels, by the very nature of the tooling, provide the greatest flexibility in material thickness, flange and web size. Standard catalog shapes such as angles and channels can also be modified. For variations beyond this, proprietary tooling for the customer's application can be developed.

Proprietary Tool Policy: Dahlstrom performs required maintenance on all catalog tooling. Maintenance for customer owned tooling is the responsibility of the customer. Dahlstrom will coordinate maintenance requirements with the customer. Tooling that is inactive for three years will be considered abandoned and will revert to Dahlstrom.

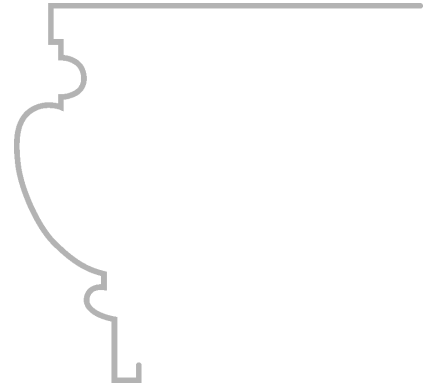
Punched or Pierced Features: Depending upon the complexity and pattern, features such as holes, notches and cut-outs are either pre-punched in-line on roll formed shapes or post punched in a secondary operation.

ORDERS AND INQUIRIES

DAHLSTROM[®]
DAHLSTROM ROLL FORM

Catalog Shapes

Catalog roll formed shapes are produced to order. The catalog illustrations document the material thickness that our existing tooling will produce. Machine set-up charges are prorated over the amount of the product to be produced in one production run.



All inquiries should include the following information:

1. Profile Number
2. Material Selection: Cold Rolled Steel, Hot Rolled Pickled & Oiled, Galvanized, Galvannealed, Stainless Steel (Specify series & finish), Aluminum (Specify alloy and finish), Brass, Bronze, Copper, or other exotic materials
3. Material Thickness
 - Unless specified, normal commercial tolerances will apply
4. Length
 - Typical lengths are 10-16 feet. Lengths up to 85 feet long can be accommodated
5. Quantity
 - Minimum order may apply
6. End Treatment: utility or precision cut ends
7. Application: understanding details about the application may help us determine the most suitable material for your use
8. Packaging and Shipping Instructions

Universal Tooling for Angles and Channels

In addition to the specified tooling for angles and channels, Dahlstrom has the ability to produce custom sizes of angles and channels using our universal tools. See Section 1 for details.

Custom Roll Formed Shapes

When your requirement is for a shape not available in the catalog, Dahlstrom can work with you to design tooling to meet your particular need. If you will provide us with the above information and a print or sketch of your part, a quote will be developed for you.