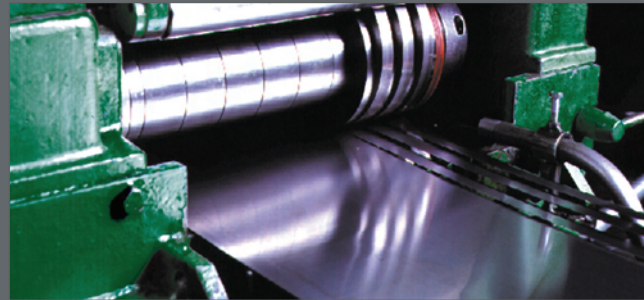
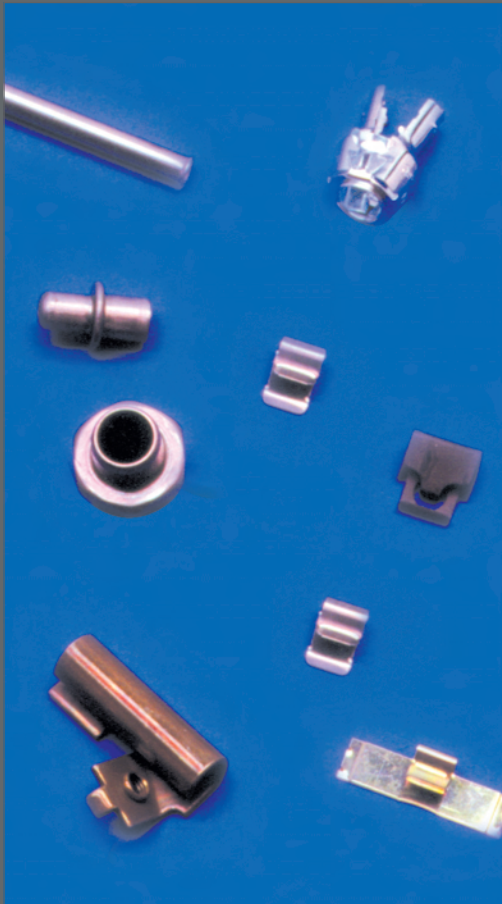


Specialty  
Flat Rolled Steel

# Flat Rolled Steel



## Slitting

Thompson Dayton Steel Service is a value-added supplier of Specialty Flat Rolled Steel Products. We are fully equipped to supply close tolerance, precision slit steel coil in a wide variety of types and grades. We provide slit to width services with a maximum coil width capacity of 24" to provide steel in the widths, tolerances, and grades you require.

## Steels We Can Slit to Width in Roseville

- Cold Rolled Steel
- Hot Rolled Pickled and Oiled
- High Carbon
- HSLA
- Coated Steel
- Stainless Steel

## Inventory

Our experienced customer service people work very closely with your personnel, remaining constantly aware of your critical need to maintain tight control over inventory. By determining your future needs, we can anticipate your requests for special delivery, Just-In-Time (JIT), and normally scheduled deliveries. Drawing on our extensive inventories and our access to additional inventories at other Thompson Dayton facilities assures you delivery of the highest quality steels to always meet your production requirements.

- Cold Rolled Steel
- Hot Rolled Pickled and Oiled Steel (Carbon/HSLA)
- Hot Dipped Galvanized
- Galvanealed Steel
- Electro Galvanized
- Aluminized
- Stainless Steel

ISO 9001:2000

# Roseville, MI

**THOMPSON**  
**T DAYTON**  
STEEL SERVICE

# Steels Available from Thompson Dayton Steel Service Roseville, Michigan

## Cold Rolled

Produced to meet specific customer applications with better formability, finishes, and tolerances than Hot Rolled. Available from .015" to .127" thick.

## Hot Rolled Pickled and Oiled (Carbon/HSLA)

Produced directly off the hot strip mill, this steel is pickled and can be temper rolled. Not as smooth as Cold Rolled, with tolerances not as tight, it is available from .044" to .250" thick.

## Hot Dipped Galvanized and Galvanealed

A sheet coil product with a zinc coating applied by a continuous hot dip process, these products are available with pure zinc (galvanized), or a zinc-iron alloy (galvanealed) coating. They provide both galvanic and a barrier coating, and are available in a variety of coating weights, and surface finishes.

## Electro Galvanized

Available as sheet coil, this product is coated with electrolytically deposited zinc or zinc-nickel coating. Available in a variety of coating weights depending on the protection desired, it is generally more acceptable for critically exposed applications than Hot Dipped.

## Aluminized

Available as sheet coil, this steel is coated with an aluminum or aluminum-silicon alloy coating. The coating combats the destructive effects of exposure to combinations of heat and corrosion. Available in various grades to accommodate specific applications.

## High Carbon, Cold Rolled Steel

Available as sheet coil, this product is over .25% carbon and available in a wide range of chemistries (please call). Modified grades of high carbon chemistries are available, however may be subject to heat lot quantity minimums.

## Stainless Steel

This product is produced to meet a wide variety of customer specific applications. It is available in all standard industrial, aircraft, and military grades.

## Carbon Steels

Thickness Range .010 to .156

Restricted thickness tolerances are available.

### Carbon Chemistries:

Virtually all carbon chemistries are available. Please call.

### Tempers (Hardnesses):

#1 Full Hard, #2 Half Hard, #3 Quarter Hard, #4 Skin Passed, #5 Soft, Spheroidized Annealed, Hard Rolled, and Custom Temper.

## Alloy Cold Rolled Strip Steels

Thickness Range .010 to .125

Restricted thickness tolerances are available.

### Alloy Chemistries:

Special saw alloys for bars and chain parts. Electric furnace, aircraft quality and bearing quality can be specified. Modified grade alloy chemistries are available. Modified and special quality grades may be subject to "heat lot".

### Tempers (Hardnesses):

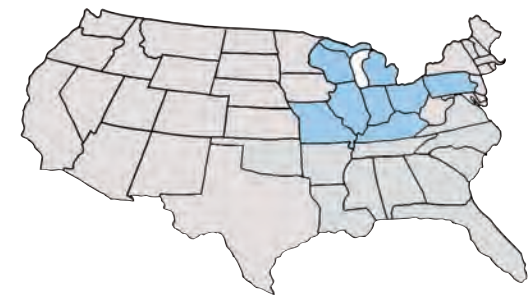
Spheroidized Annealed, Hard Rolled and Custom Temper.

## Service

Thompson Dayton Steel Service is committed to providing expert service throughout the North Central United States. Call us for all your Flat Rolled Steel needs or visit us on the web for more information. Tel. 313.526.7110, [www.thompsondayton.com](http://www.thompsondayton.com)

## Commonly Used Metric Conversions

	To Convert From	To	Multiply By
<b>Length</b>	inches (in)	millimeters (mm)	25.4
	foot (ft)	meter (m)	0.3048
<b>Weight</b>	ounces (oz)	gram (g)	28.3495
	pound (lb)	gram (g)	453.592
	pound (lb)	kilogram (kg)	0.4536
	ton	metric ton	0.9072
	metric ton	kilogram (kg)	1000
	metric ton	pound (lb)	2204.62
<b>Coating Weight</b>	ounce/square foot (oz/ft <sup>2</sup> )	grams/square meter (g/m <sup>2</sup> )	305.15
<b>Density</b>	pound/cubic inch (lb/in <sup>3</sup> )	grams/cubic centimeter (g/cm <sup>3</sup> )	27.68
<b>Strength</b>	pound/square inch (psi)	ksi (1000 psi)	0.001
	kilograms/square inch (kg/in <sup>2</sup> )	megapascal (Mpa)	6.895
	pound/square inch (psi)	megapascal (Mpa)	0.00689
	newton/square millimeter (n/mm <sup>2</sup> )	megapascal (Mpa)	1
	pound/square inch (psi)	newton/square millimeter (n/mm <sup>2</sup> )	0.00689
	kilograms/square inch (kg/in <sup>2</sup> )	newton/square millimeter (n/mm <sup>2</sup> )	6.895
	kilograms/square inch (kg/in <sup>2</sup> )	kilogram/square millimeter (kg/mm <sup>2</sup> )	0.704
	kilograms/square inch (kg/in <sup>2</sup> )	kilogram/square millimeter (kg/mm <sup>2</sup> )	0.704



**THOMPSON  
DAYTON  
STEEL SERVICE**

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