



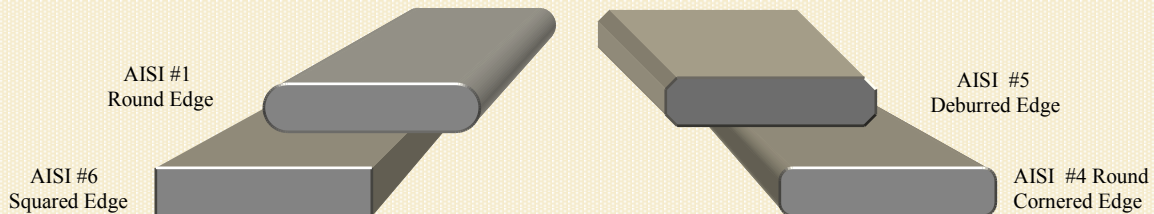
North America's Premiere  
Producer of Precision  
Heavy Gauge Strip in  
Low Carbon, High Carbon,  
Alloy and Custom Steels  
since 1923.

## Capabilities and Technical Data:

### Edging / Oscillating

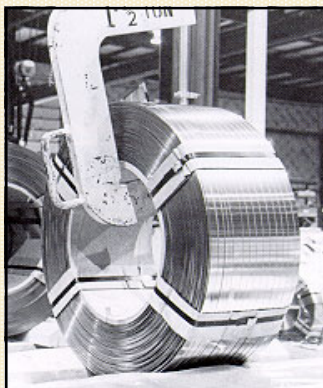
## BLAIR ❖ Edging / Oscillating

Blair Strip Steel applies standard AISI edges and special edges to our narrow width strip steel. In the same process, we can rewind edged material into ribbon-wound or oscillate-wound coils. Strip steel sections up to 6" wide can be wound in ribbon coils and sections up to 2" wide can now be wound in oscillated coils with a face up to 18", in coils weighing up to 5000 lbs. for maximum productivity.



### Basic Definitions:

- ◆ **Edging:** Using a series of roller dies to prepare a specified configuration on the edge of strip steel.
- ◆ **Ribbon or Pancake Coils:** Strip is wound directly upon itself like ribbon or scotch tape.
- ◆ **Oscillating:** Narrow strip steel is traverse-wound like a fishing reel to produce a coil with more linear footage than ribbon coils, with prepared edges and safer coil handling than narrow ribbon-wound coils.
- ◆ **Coil Face:** The actual width of an oscillate-wound coil, usually 8", 10", 12", 14", 16" or 18" wide.



### Standard AISI Types of Edges

- **No. 1 Round Edge:** Radius approximately equal to 1/2 the thickness.
- **No. 2 Mill Edge:** Naturally formed hot rolled or cold rolled edge.
- **No. 3 Slit Edge:** Approximately square edge with slitting burr intact.
- **No. 4 Round-Cornered Edge:** Rounded edge - may have slitting fracture visible along the edge.
- **No. 5 De-burred Edge:** A No.3 edge with the slitting burr healed over.
- **No. 6 Square Edge:** Square with radial corners - may have slitting fracture visible along the edge.

## BLAIR STRIP STEEL CO.

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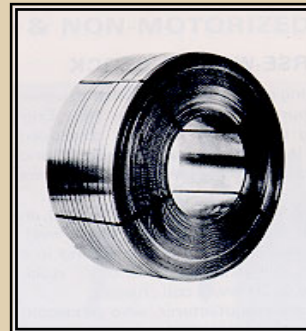
## Edging / Oscillating Cross-Sectional Capabilities

		STRIP THICKNESS								
		.035"	.050"	.075"	.100"	.125"	.150"	.175"	.250"	.375"
STRIP WIDTH	.500"	INQ	INQ	INQ	INQ	INQ	INQ			
	.875"	INQ	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	INQ	INQ	
	1.250"	INQ	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	RIB	RIB	INQ
	1.500"	INQ	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	RIB	RIB	INQ
	1.750"	INQ	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	RIB	RIB	INQ
	2.000"	INQ	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	OSC/ RIB	RIB	RIB	INQ
	3.000"	INQ	RIB	RIB	RIB	RIB	RIB	RIB	RIB	INQ
	4.500"	INQ	RIB	RIB	RIB	RIB	RIB	RIB	INQ	
	6.000"		INQ	RIB	RIB	RIB	RIB	INQ		

OSC/RIB - Oscillated or Ribbon Coils     
 RIB - Ribbon Coils Only  
INQ - Please Inquire Specific Requirements

### Oscillate-wound coils provide numerous benefits for strip users:

- ❖ Oscillated coils can have up to 25 times the linear footage and weight of a ribbon-wound coil, significantly reducing labor and downtime when the equipment stops for reloading and restarting.
- ❖ Oscillated coils in widths under 2.00" are safer to handle than ribbon coils of the same width, which can fall apart if the OD isn't limited.
- ❖ Longer run times between coils keep tooling at working temperature longer, improving tool life and reducing fatigue in small punches.
- ❖ Welds can be painted so parts produced from material in the weld zone can be readily identified and discarded from production.



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Visit us at [www.blairstripsteel.com](http://www.blairstripsteel.com)

~ North America's Premiere Heavy Gauge Strip Steel Producer Since 1923 ~