



PRODUCT REFERENCE GUIDE

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OUR MISSION

OUR GOAL IS **TO TAKE CARE**
OF OUR CUSTOMERS. WE ARE ACCOMPLISHING
THIS BY BEING THE **SAFEST, HIGHEST QUALITY,**
LOWEST COST, MOST PRODUCTIVE, AND
MOST PROFITABLE STEEL AND STEEL PRODUCTS
COMPANY IN THE WORLD.

WE ARE COMMITTED TO DOING THIS
WHILE BEING **CULTURAL AND ENVIRONMENTAL**
STEWARDS IN OUR COMMUNITIES WHERE
WE LIVE AND WORK.

WE ARE SUCCEEDING BY WORKING TOGETHER.

It's Our Nature.[®]



WE LIKE TO THINK WE MAKE AMERICA STRONGER. AFTER ALL, WE ARE A STEEL COMPANY.



OUR PEOPLE ARE OUR BIGGEST ASSET

Nucor has a commitment to take care of its employees. Because of this commitment, there is very little turnover within the company. Many of our team members have been here since we opened our doors. Our dedication to what we do is reflected in the superior products we make, our strong relations with customers and our valued commitment to the communities where we work and live. We are succeeding by working together.

WE'VE ALWAYS BEEN GREEN

We are the world's foremost steel recycler and the largest recycling company in the Western Hemisphere, with a production capacity that exceeds 26 million tons. Our commitment to the environment goes beyond recycling. Today, environmental stewardship is equal to all other business critical functions, and is the individual obligation of every member of the Nucor Team. Environmental impact is alongside safety, quality and cost in every strategic decision.

WE CHAMPION THE RIGHTS OF THE AMERICAN WORKER

Giving American workers a fair chance to succeed is what we're all about at Nucor. That is why we strive to be the "voice of our industry" on important public policy issues, including:

- Enforcing the rules of free trade
- Restoring American manufacturing
- Achieving energy independence
- Investing in American infrastructure

We believe these legislative priorities will create the millions of jobs we need and restore American prosperity for future generations. We'll continue to take these ideas around the country and to our elected officials. We know that when an entire company speaks with a unified voice, you can be heard all the way to Washington, D.C. and around the world.

THERE IS STRENGTH IN OUR NUMBERS

Publicly traded on the New York Stock Exchange (symbol NUE), Nucor has been repeatedly heralded as a leader in the steel industry, and one of the top companies in the world:

- Largest steel producer in the United States
- Largest recycler in the Western Hemisphere
- #206 on the *Fortune* 500, 2010
- #20 on the *Business Week* 50, 2009
- Green for Profit Business Award, *Charlotte Business Journal*, 2008

STEEL MILLS



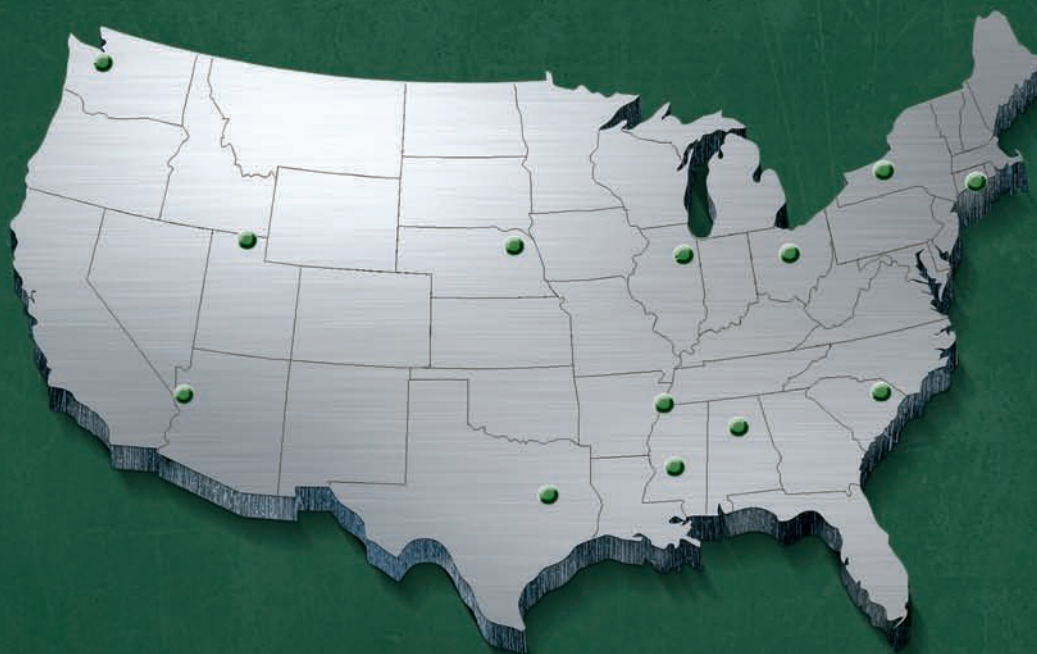
● BAR MILLS

● SHEET MILLS

○ CASTRIP® MILLS

● STRUCTURAL MILLS

● PLATE MILLS





SUMMARY

LOCATIONS

www.nucor.com

NUCOR STEEL AUBURN

25 Quarry Road
Auburn, NY 13021
Phone: 800-424-1494
Fax: 315-253-5377

NUCOR STEEL JACKSON

3630 Fourth Street
Flowood, MS 39232
Phone: 800-723-1623
Fax: 601-936-6252

NUCOR STEEL MARION

912 Cheney Avenue
Marion, OH 43302
Phone: 800-333-4011
Fax: 740-383-6429

NUCOR STEEL SEATTLE

2424 SW Andover
Seattle, WA 98106
Phone: 800-677-1012
Fax: 206-933-2209

NUCOR STEEL TEXAS

8812 Highway 79 West
Jewett, TX 75846
Phone: 800-527-6445
Fax: 903-626-6262

NUCOR STEEL BIRMINGHAM

2301 F. L. Shuttlesworth Dr.
Birmingham, AL 35234
Phone: 866-862-4796
Fax: 205-250-7479

NUCOR STEEL KANKAKEE

One Nucor Way
Bourbonnais, IL 60914
Phone: 800-866-3131
Fax: 815-939-5598

NUCOR STEEL MEMPHIS

3601 Paul R. Lowry Rd.
Memphis, TN 38109
Phone: 901-786-5900
Fax: 901-786-5348

NUCOR STEEL SOUTH CAROLINA

300 Steel Mill Road
Darlington, SC 29540
Phone: 800-999-7461
Fax: 843-395-8701

NUCOR STEEL UTAH

West Cemetery Road
Plymouth, UT 84330
Phone: 800-453-2886
Fax: 435-458-2309

NUCOR STEEL CONNECTICUT

35 Toelles Road
Wallingford, CT 06492
Phone: 800-221-0323
Fax: 203-265-7676

NUCOR STEEL KINGMAN

3000 West Old Hwy 66
Kingman, AZ 86413
Phone: 928-718-7035
Fax: 928-718-7096

NUCOR STEEL NEBRASKA

2911 East Nucor Road
Norfolk, NE 68701
Phone: 800-228-8174
Fax: 402-644-0359

NUCOR STEEL MEXICO—SALES OFFICE

Batallon de San Patricio #109 Sur of 1730
Col. Valle Oriente CP. 66260
Garza Garcia, NL, Mexico
Phone: 52-81-8133-2788
Fax: 52-81-8133-3799

PRODUCTS BY LOCATION

See **product details** for sizes/grades. Please inquire about non-standard sizes. Mills may be able to produce sizes not listed with a minimum tonnage.

PRODUCTS	Rounds	Squares	Round-Cornered Squares	Hexagons	Flats	Equal Angles	Unequal Angles	Structural Channels	Bar-Size Channels	Rebar	SBQ	Wire Rod
NUCOR STEEL AUBURN	•	•	-	-	•	•	-	•	-	•	•	-
NUCOR STEEL BIRMINGHAM	**	**	-	-	-	-	-	-	-	•	-	-
NUCOR STEEL CONNECTICUT	-	-	-	-	-	-	-	-	-	•	-	•
NUCOR STEEL JACKSON	•	•	-	-	•	•	*	*	-	•	-	-
NUCOR STEEL KANKAKEE	•	-	-	-	•	•	-	-	-	•	-	-
NUCOR STEEL KINGMAN	-	-	-	-	-	-	-	-	-	•	-	•
NUCOR STEEL MARION	**	-	-	-	-	-	-	-	-	•	-	-
NUCOR STEEL MEMPHIS	•	-	•	-	-	-	-	-	-	-	•	-
NUCOR STEEL NEBRASKA	•	•	•	•	•	•	•	•	-	-	•	•
NUCOR STEEL SEATTLE	•	-	-	-	•	•	•	•	-	•	-	-
NUCOR STEEL SOUTH CAROLINA	•	-	•	•	•	•	•	•	-	•	•	-
NUCOR STEEL TEXAS	•	-	-	-	•	•	•	•	•	•	-	-
NUCOR STEEL UTAH	•	•	**	-	•	•	•	•	•	•	-	-

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

LARGE CAPACITY, BEST QUALITY

NUCOR HAS 13 BAR MILLS THAT PRODUCE CONCRETE REINFORCING BARS, HOT-ROLLED BARS, ROD, LIGHT SHAPES, STRUCTURAL ANGLES, STRUCTURAL CHANNELS AND GUARDRAIL IN CARBON AND ALLOY STEEL. THESE PRODUCTS HAVE A WIDE USAGE SERVING PRIMARILY THE AGRICULTURAL, AUTOMOTIVE, CONSTRUCTION, ENERGY, FURNITURE, MACHINERY, METAL BUILDING, RAILROAD, RECREATIONAL EQUIPMENT, SHIPBUILDING, HEAVY TRUCK AND TRAILER MARKET SEGMENTS.



NUCOR
BAR MILL GROUP



GROWTH

Nucor has grown to 13 bar mills nationwide with a total capacity over 9,000,000 tons per year. Four of the bar mills were constructed by Nucor between 1969 and 1981. Over the years, Nucor has completed extensive capital projects to keep these facilities modernized and globally competitive. Nucor acquired the remaining bar mills since 2000, including substantially all of the assets of Connecticut Steel Corporation (in the second quarter of 2006), which has the capacity to produce up to 300,000 tons annually.

In 2008, the construction of the Nucor Steel Memphis project was completed and the mill is now fully operational. This state-of-the-art special bar quality (SBQ) mill will complement the product offerings of Nucor's Nebraska and South Carolina SBQ mills.

PROCESS

Nucor's steel mills are among the most modern and efficient in the United States. Recycled steel scrap and other metallics are melted in electric arc furnaces and poured into continuous casting systems. Highly sophisticated rolling mills convert the billets, blooms and slabs into rebar, angles, rounds, channels, beams, and other products.

KEY MARKETS

The majority of Nucor's total production is sold to outside customers, and the balance is used internally by the Vulcraft, Cold Finish, Rebar Fabrication, Buildings and Fastener Groups. Our steel mill customers are primarily manufacturers, steel service centers and fabricators.

Mills are capable of producing incremental sizes, please inquire.

MBQ ROUNDS	AUBURN	JACKSON	KANKAKEE	MARION	NEBRASKA ⁺	SEATTLE	SOUTH CAROLINA ⁺	TEXAS	UTAH ⁺
1/2	●	●	-	-	**	●	-	●	●
9/16	●	●	-	-	●	**	●	●	●
19/32	**	**	-	-	●	-	●	**	-
5/8	●	●	-	**	●	●	●	●	●
21/32	**	-	-	-	●	-	●	**	-
11/16	**	**	-	**	●	-	●	**	**
23/32	**	-	-	-	●	-	●	**	-
3/4	●	●	-	**	●	●	●	●	●
25/32	**	-	-	-	●	-	●	**	-
13/16	**	**	-	**	●	-	●	**	**
27/32	**	-	-	-	●	-	●	**	-
7/8	●	●	-	**	●	●	●	●	●
15/16	**	●	-	**	●	**	●	**	**
1	●	●	●	**	●	●	●	●	●
1 1/8	**	●	-	**	●	●	●	●	●
1 1/4	●	●	●	**	●	●	●	●	●
1 3/8	**	●	●	-	●	●	●	**	●
1 1/2	●	●	●	-	●	●	●	●	●
1 5/8	-	-	-	-	●	**	●	-	-
1 3/4	-	-	-	-	●	**	●	-	●
2	-	-	-	-	●	-	●	-	●
2 1/16	-	-	-	-	●	-	●	-	-
2 3/16	-	-	-	-	●	-	●	-	-
2 1/4	-	-	-	-	●	-	●	-	●
2 5/16	-	-	-	-	●	-	●	-	-
2 3/8	-	-	-	-	●	-	●	-	-
2 7/16	-	-	-	-	●	-	●	-	-
2 1/2	-	-	-	-	●	-	●	-	●
2 19/32	-	-	-	-	●	-	●	-	-
2 5/8	-	-	-	-	●	-	●	-	-
2 11/16	-	-	-	-	●	-	●	-	-
2 3/4	-	-	-	-	●	-	●	-	●
2 13/16	-	-	-	-	●	-	●	-	-
2 7/8	-	-	-	-	●	-	●	-	-
2 15/16	-	-	-	-	●	-	●	-	-
3	-	-	-	-	●	-	●	-	●
3 1/16	-	-	-	-	●	-	●	-	-
3 5/64	-	-	-	-	●	-	●	-	-
3 3/32	-	-	-	-	●	-	●	-	-
3 1/8	-	-	-	-	-	-	●	-	-
3 1/4	-	-	-	-	-	-	-	-	**
3 1/2	-	-	-	-	-	-	-	-	**
3 5/8	-	-	-	-	-	-	-	-	**

MBQ SQUARES	AUBURN	JACKSON	KANKAKEE	MARION	NEBRASKA ⁺	SEATTLE	SOUTH CAROLINA ⁺	TEXAS	UTAH ⁺
1/2	●	●	-	-	●	-	-	-	●
9/16	-	-	-	-	●	-	-	-	-
5/8	●	●	-	-	●	-	-	-	●
11/16	-	-	-	-	●	-	-	-	-
3/4	●	●	-	-	●	-	-	-	●
13/16	-	-	-	-	●	-	-	-	-
7/8	-	**	-	-	●	-	-	-	●
15/16	-	-	-	-	●	-	-	-	-
1	●	●	-	-	●	-	-	-	●
1 1/16	-	-	-	-	●	-	-	-	-
1 1/8	-	-	-	-	●	-	-	-	-
1 3/16	-	-	-	-	●	-	-	-	-
1 1/4	-	-	-	-	●	-	-	-	●
1 9/32	-	-	-	-	●	-	-	-	-
1 5/16	-	-	-	-	●	-	-	-	-
1 3/8	-	-	-	-	●	-	-	-	-
1 7/16	-	-	-	-	●	-	-	-	-
1 1/2	-	-	-	-	●	-	-	-	●
1 9/16	-	-	-	-	●	-	-	-	-
1 5/8	-	-	-	-	●	-	-	-	-
1 3/4	-	-	-	-	●	-	-	-	-
1 13/16	-	-	-	-	●	-	-	-	-
1 7/8	-	-	-	-	●	-	-	-	-
2	-	-	-	-	●	-	-	-	●
2 1/16	-	-	-	-	●	-	-	-	-

MBQ ROUND-CORNERED SQUARES	AUBURN	JACKSON	KANKAKEE	MARION	NEBRASKA ⁺	SEATTLE	SOUTH CAROLINA ⁺	TEXAS	UTAH ⁺
7/8 through 3 1/16	-	-	-	-	-	-	●	-	-
9/16 through 2 1/16	-	-	-	-	●	-	-	-	-

⁺ Mill capable of coiling rounds ** Mill has capability to produce, please inquire

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

MBQ FLATS	Mills are capable of producing incremental sizes, please inquire.								
	AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH	
1/8 x 1	-	-	-	-	-	-	-	-	●
1/8 x 1 1/4	-	-	-	-	-	-	-	-	●
1/8 x 1 1/2	-	-	-	-	-	-	-	-	●
1/8 x 2	-	-	-	-	-	-	-	-	●
1/8 x 2 1/2	-	-	-	-	-	-	-	-	●
1/8 x 3	-	-	-	-	-	-	-	-	●
1/8 x 4	-	-	-	-	-	-	-	-	●
3/16 x 1	-	●	-	-	-	-	-	-	●
3/16 x 1 1/4	-	●	-	-	-	-	-	-	●
3/16 x 1 1/2	-	●	-	●	-	-	-	**	●
3/16 x 2	-	●	-	●	-	-	-	**	●
3/16 x 2 1/2	-	●	-	●	-	-	-	**	●
3/16 x 3	-	●	-	-	-	-	-	**	●
3/16 x 3 1/2	-	-	-	●	-	-	-	**	**
3/16 x 4	-	-	-	●	-	-	-	**	●
3/16 x 5	-	-	-	-	-	-	-	●	●
3/16 x 6	-	-	-	-	-	-	-	●	●
3/16 x 8	-	-	-	-	-	-	-	**	●
1/4 x 1	●	●	-	●	-	-	*	●	●
1/4 x 1 1/4	●	●	-	●	-	-	-	●	●
1/4 x 1 1/2	●	●	-	●	●	-	-	●	●
1/4 x 1 3/4	**	**	-	●	-	-	**	**	●
1/4 x 2	●	●	●	●	●	●	●	●	●
1/4 x 2 1/2	●	●	●	●	●	●	●	●	●
1/4 x 3	●	●	●	●	●	●	●	●	●
1/4 x 3 1/2	●	*	●	●	●	●	●	●	●
1/4 x 4	●	●	●	●	●	●	●	●	●
1/4 x 4 1/4	-	-	-	-	-	**	**	**	**
1/4 x 4 1/2	●	*	-	●	**	●	●	●	●
1/4 x 5	●	*	-	●	●	●	●	●	●
1/4 x 5 1/2	-	-	-	●	**	**	**	**	●
1/4 x 6	●	-	-	●	●	●	●	●	●
1/4 x 7	-	-	-	-	-	●	●	●	●
1/4 x 8	-	-	-	-	-	●	●	●	●
1/4 x 9	-	-	-	-	-	*	●	●	●
1/4 x 10	-	-	-	-	-	*	●	●	●
1/4 x 11	-	-	-	-	-	*	●	●	**
1/4 x 12	-	-	-	-	-	*	●	●	●
5/16 x 1	-	-	-	●	-	-	**	**	●
5/16 x 1 1/4	-	-	-	●	-	-	**	**	**
5/16 x 1 1/2	-	-	-	●	-	●	**	**	●
5/16 x 1 3/4	-	-	-	●	-	**	**	**	**
5/16 x 2	-	●	-	●	**	●	**	**	●
5/16 x 2 1/2	-	-	-	●	**	●	**	**	●
5/16 x 3	-	-	-	●	**	●	**	**	●
5/16 x 3 1/2	-	-	-	●	**	**	**	**	●
5/16 x 4	-	*	-	●	**	●	**	**	●
5/16 x 4 1/2	-	-	-	●	**	**	**	**	**
5/16 x 5	-	*	-	●	**	●	●	●	**
5/16 x 5 1/2	-	-	-	●	**	**	**	**	**
5/16 x 6	-	-	-	●	**	●	●	●	●
5/16 x 7	-	-	-	-	-	●	**	●	●
5/16 x 8	-	-	-	-	-	●	●	●	●
5/16 x 10	-	-	-	-	-	-	●	●	**
3/8 x 1	**	●	-	●	-	*	●	●	●
3/8 x 1 1/4	**	●	-	●	-	**	**	**	●
3/8 x 1 1/2	●	●	-	●	●	●	●	●	●
3/8 x 1 3/4	-	**	-	●	**	**	**	**	●
3/8 x 2	●	●	●	●	●	●	●	●	●
3/8 x 2 1/2	●	●	●	●	●	●	●	●	●
3/8 x 3	●	●	●	●	●	●	●	●	●
3/8 x 3 1/2	●	*	●	●	●	●	●	●	●
3/8 x 4	●	●	●	●	●	●	●	●	●
3/8 x 4 1/2	●	*	-	●	**	●	●	●	●
3/8 x 5	●	*	-	●	●	●	●	●	●
3/8 x 5 1/2	-	-	-	●	**	**	**	**	**
3/8 x 6	●	-	-	●	●	●	●	●	●
3/8 x 7	-	-	-	-	-	●	●	●	●
3/8 x 8	-	-	-	-	-	●	●	●	●
3/8 x 9	-	-	-	-	-	*	●	●	●
3/8 x 10	-	-	-	-	-	*	●	●	●
3/8 x 11	-	-	-	-	-	*	●	●	**
3/8 x 12	-	-	-	-	-	*	●	●	●
1/2 x 1	●	●	-	●	-	*	●	●	●

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

Mills are capable of producing incremental sizes, please inquire.

		AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
MBQ FLATS <i>continued</i>	1/2 x 1 1/4	—	**	—	●	—	—	**	●
	1/2 x 1 1/2	●	●	—	●	●	●	●	●
	1/2 x 1 3/4	—	●	—	●	**	**	**	**
	1/2 x 2	●	●	●	●	●	●	●	●
	1/2 x 2 1/2	●	●	●	●	●	●	●	●
	1/2 x 3	●	●	●	●	●	●	●	●
	1/2 x 3 1/2	●	*	●	●	●	●	●	●
	1/2 x 4	●	●	●	●	●	●	●	●
	1/2 x 4 1/2	●	*	—	●	**	●	●	●
	1/2 x 5	●	*	—	●	●	●	●	●
	1/2 x 5 1/2	—	—	—	●	**	**	**	**
	1/2 x 6	●	—	—	●	●	●	●	●
	1/2 x 7	—	—	—	—	—	●	●	●
	1/2 x 8	—	—	—	—	—	●	●	●
	1/2 x 9	—	—	—	—	—	*	●	●
	1/2 x 10	—	—	—	—	—	*	●	●
	1/2 x 11	—	—	—	—	—	*	●	**
	1/2 x 12	—	—	—	—	—	*	●	●
	5/8 x 1	—	—	—	—	—	—	**	●
	5/8 x 1 1/2	—	—	—	—	—	—	**	●
	5/8 x 2	—	—	—	●	**	●	**	●
	5/8 x 2 1/2	●	—	—	●	**	**	**	●
	5/8 x 3	—	—	—	●	**	●	**	●
	5/8 x 3 1/2	—	—	—	●	**	**	**	**
	5/8 x 4	●	—	—	●	●	●	**	●
	5/8 x 4 1/2	—	—	—	●	**	**	**	**
	5/8 x 5	—	—	—	●	**	●	●	●
	5/8 x 5 1/2	—	—	—	●	**	**	**	**
	5/8 x 6	—	—	—	●	●	●	●	●
	5/8 x 7	—	—	—	—	—	**	**	●
	5/8 x 8	—	—	—	—	—	●	●	●
	5/8 x 9	—	—	—	—	—	—	**	●
	5/8 x 10	—	—	—	—	—	—	●	●
	5/8 x 12	—	—	—	—	—	—	●	●
	3/4 x 1	—	—	—	—	—	—	**	●
	3/4 x 1 1/2	—	—	—	—	—	—	**	●
	3/4 x 2	●	●	—	●	●	●	●	●
	3/4 x 2 1/2	●	●	—	●	**	●	●	●
	3/4 x 3	●	—	—	●	●	●	●	●
	3/4 x 3 1/2	—	—	—	●	**	**	**	●
	3/4 x 4	●	—	—	●	●	●	●	●
	3/4 x 4 1/2	—	—	—	●	**	●	**	**
	3/4 x 5	●	—	—	●	●	●	●	●
	3/4 x 5 1/2	—	—	—	●	**	**	**	**
	3/4 x 6	●	—	—	●	●	●	●	●
3/4 x 7	—	—	—	—	—	●	**	●	
3/4 x 8	—	—	—	—	—	●	●	●	
3/4 x 9	—	—	—	—	—	—	**	●	
3/4 x 10	—	—	—	—	—	*	●	●	
3/4 x 12	—	—	—	—	—	*	●	●	
1 x 1 1/2	—	—	—	—	—	—	**	●	
1 x 2	●	●	—	●	●	●	●	●	
1 x 2 1/2	—	—	—	●	**	**	**	●	
1 x 3	●	—	—	●	●	●	●	●	
1 x 3 1/2	—	—	—	●	**	**	**	**	
1 x 4	●	—	—	●	●	●	●	●	
1 x 4 1/2	—	—	—	●	**	**	**	**	
1 x 5	●	—	—	●	●	●	●	●	
1 x 5 1/2	—	—	—	●	**	**	**	**	
1 x 6	●	—	—	●	●	●	●	●	
1 x 7	—	—	—	—	—	●	●	●	
1 x 8	—	—	—	—	—	●	●	●	
1 x 9	—	—	—	—	—	—	**	●	
1 x 10	—	—	—	—	—	*	●	●	
1 x 12	—	—	—	—	—	*	●	●	
1 1/4 x 3	—	—	—	—	—	●	**	**	
1 1/4 x 4	—	—	—	—	—	●	**	**	
1 1/4 x 5	—	—	—	—	—	●	**	**	
1 1/2 x 3	—	—	—	—	—	●	**	**	
1 1/2 x 4	—	—	—	—	—	●	**	**	
1 1/2 x 5	—	—	—	—	—	●	**	**	
MBQ HEXAGONS	5/8 through 1 9/16	—	—	—	—	—	●	—	
	9/16 through 2 3/32	—	—	—	●	—	—	—	

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

MBQ EQUAL ANGLES

	AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
3/4 x 3/4 x 1/8	-	-	-	-	-	-	**	●
1 x 1 x 1/8	-	●	-	**	-	-	●	●
1 x 1 x 3/16	-	●	-	**	-	-	●	●
1 x 1 x 1/4	-	●	-	**	-	-	●	●
1 1/4 x 1 1/4 x 1/8	●	●	-	●	●	●	●	●
1 1/4 x 1 1/4 x 3/16	●	●	-	●	●	●	●	●
1 1/4 x 1 1/4 x 1/4	●	●	-	●	●	●	●	●
1 1/2 x 1 1/2 x 1/8	●	●	●	●	●	●	●	●
1 1/2 x 1 1/2 x 3/16	●	●	●	●	●	●	●	●
1 1/2 x 1 1/2 x 1/4	●	●	●	●	●	●	●	●
1 3/4 x 1 3/4 x 1/8	-	●	-	-	●	-	-	-
1 3/4 x 1 3/4 x 3/16	-	●	-	-	●	-	-	-
1 3/4 x 1 3/4 x 1/4	-	●	-	-	●	-	-	-
2 x 2 x 1/8	●	●	●	●	●	●	●	●
2 x 2 x 3/16	●	●	●	●	●	●	●	●
2 x 2 x 1/4	●	●	●	●	●	●	●	●
2 x 2 x 5/16	-	-	-	●	**	**	**	**
2 x 2 x 3/8	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 3/16	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 1/4	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 5/16	-	-	-	●	**	●	**	**
2 1/2 x 2 1/2 x 3/8	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 1/2	-	-	-	-	**	-	●	**
3 x 3 x 3/16	●	*	●	●	●	●	●	●
3 x 3 x 1/4	●	*	●	●	●	●	●	●
3 x 3 x 5/16	●	-	●	●	**	●	●	●
3 x 3 x 3/8	●	*	●	●	●	●	●	●
3 x 3 x 1/2	-	-	-	-	●	●	●	●
3 1/2 x 3 1/2 x 1/4	-	-	-	●	●	●	●	●
3 1/2 x 3 1/2 x 5/16	-	-	-	●	**	●	●	●
3 1/2 x 3 1/2 x 3/8	-	-	-	-	●	●	●	●
3 1/2 x 3 1/2 x 1/2	-	-	-	-	**	●	**	**
4 x 4 x 1/4	●	*	-	●	●	●	●	●
4 x 4 x 5/16	●	-	-	●	**	●	●	●
4 x 4 x 3/8	●	-	-	●	●	●	●	●
4 x 4 x 7/16	-	-	-	●	**	**	**	**
4 x 4 x 1/2	●	-	-	●	●	●	●	●
5 x 5 x 1/4	-	-	-	-	-	-	**	**
5 x 5 x 5/16	-	-	-	-	-	●	●	●
5 x 5 x 3/8	-	-	-	-	-	●	●	●
5 x 5 x 7/16	-	-	-	-	-	●	**	**
5 x 5 x 1/2	-	-	-	-	-	●	●	●
5 x 5 x 5/8	-	-	-	-	-	●	**	**
6 x 6 x 1/4	-	-	-	-	-	-	**	**
6 x 6 x 5/16	-	-	-	-	-	-	●	●
6 x 6 x 3/8	-	-	-	-	-	-	●	●
6 x 6 x 7/16	-	-	-	-	-	-	**	**
6 x 6 x 1/2	-	-	-	-	-	*	●	●
6 x 6 x 5/8	-	-	-	-	-	-	●	●
6 x 6 x 3/4	-	-	-	-	-	-	●	●
6 x 6 x 7/8	-	-	-	-	-	-	**	**
6 x 6 x 1	-	-	-	-	-	-	●	●

MBQ UNEQUAL ANGLES

	JACKSON	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
2 x 1 1/2 x 1/8	-	-	-	-	-	●
2 x 1 1/2 x 3/16	-	-	-	-	-	●
2 x 1 1/2 x 1/4	-	-	-	-	-	●
2 1/2 x 1 1/2 x 3/16	-	-	-	-	-	●
2 1/2 x 1 1/2 x 5/16	-	-	-	-	-	**
2 1/2 x 1 1/2 x 1/4	-	-	-	-	-	●
2 1/2 x 2 x 3/16	-	-	-	-	**	●
2 1/2 x 2 x 1/4	-	-	-	-	**	●
2 1/2 x 2 x 3/8	-	-	-	-	**	●
3 x 2 x 3/16	*	●	●	●	●	●
3 x 2 x 1/4	*	●	●	●	●	●
3 x 2 x 5/16	-	●	**	●	●	**
3 x 2 x 3/8	-	●	**	●	●	●
3 x 2 x 1/2	-	●	**	-	**	**
3 x 2 1/2 x 3/16	-	-	-	-	●	●
3 x 2 1/2 x 1/4	-	-	-	-	●	●
3 x 2 1/2 x 3/8	-	-	-	-	●	●
3 1/2 x 2 1/2 x 1/4	-	-	-	-	●	●

* Mill stocks, but does not produce ** Mill has the capability to produce, please inquire

Mills are capable of producing incremental sizes, please inquire.

		JACKSON	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
MBQ UNEQUAL ANGLES <i>continued</i>	3 1/2 x 2 1/2 x 5/16	-	-	-	-	**	**
	3 1/2 x 2 1/2 x 3/8	-	-	-	-	●	●
	3 1/2 x 2 1/2 x 1/2	-	-	-	-	●	**
	3 1/2 x 3 x 1/4	-	-	-	●	-	-
	3 1/2 x 3 x 5/16	-	-	-	●	**	-
	3 1/2 x 3 x 3/8	-	-	-	●	●	-
	4 x 3 x 1/4	-	●	●	●	●	●
	4 x 3 x 5/16	-	●	**	●	●	●
	4 x 3 x 3/8	-	●	●	●	●	●
	4 x 3 x 1/2	-	-	**	●	●	●
	4 x 3 x 5/8	-	-	-	●	**	-
	4 x 3 1/2 x 1/4	-	-	-	●	●	-
	4 x 3 1/2 x 5/16	-	-	-	●	●	-
	4 x 3 1/2 x 3/8	-	-	-	●	●	-
	4 x 3 1/2 x 1/2	-	-	-	●	**	-
	5 x 3 x 1/4	-	-	-	●	●	●
	5 x 3 x 5/16	-	-	-	●	●	●
	5 x 3 x 3/8	-	-	-	●	●	●
	5 x 3 x 1/2	-	-	-	●	**	●
	5 x 3 1/2 x 1/4	-	-	-	●	●	●
	5 x 3 1/2 x 5/16	-	-	-	●	●	●
	5 x 3 1/2 x 3/8	-	-	-	●	●	●
	5 x 3 1/2 x 1/2	-	-	-	●	**	**
	6 x 3 1/2 x 5/16	-	-	-	●	●	●
	6 x 3 1/2 x 3/8	-	-	-	●	●	●
	6 x 3 1/2 x 1/2	-	-	-	●	**	**
	6 x 4 x 5/16	-	-	-	●	●	●
	6 x 4 x 3/8	-	-	-	●	●	●
6 x 4 x 1/2	-	-	-	●	●	●	
7 x 4 x 3/8	-	-	-	-	**	●	
7 x 4 x 1/2	-	-	-	-	**	●	
7 x 4 x 3/4	-	-	-	-	**	●	

		AUBURN	JACKSON	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
STRUCTURAL CHANNELS	3 x 3.5	●	-	●	**	●	●	●
	3 x 4.1	●	*	●	●	●	●	●
	3 x 5.0	●	-	-	-	●	●	●
	4 x 4.5	●	-	●	**	●	●	●
	4 x 5.4	●	*	●	●	●	●	●
	4 x 6.25	-	-	-	-	**	**	●
	4 x 7.25	-	-	-	-	●	●	●
	5 x 6.7	-	-	-	●	●	**	●
	5 x 9.0	-	-	-	-	●	**	●
	6 x 8.2	*	-	-	●	●	●	●
	6 x 10.5	-	-	-	-	●	●	●
	7 x 9.8	-	-	-	-	*	●	-
	8 x 11.5	-	-	-	-	*	●	●
	8 x 13.75	-	-	-	-	-	●	●
	10 x 15.3	-	-	-	-	-	-	●
10 x 20.0	-	-	-	-	-	-	●	

		JACKSON	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
BAR SIZE CHANNELS	1 1/2 x 1/2 x 1/8	-	-	-	-	-	●
	1 1/2 x 9/16 x 3/16	-	-	-	-	-	**
	1 1/2 x 3/4 x 1/8	-	-	-	-	-	●
	2 x 1 x 1/8	-	-	-	-	●	●
	2 x 1 x 3/16	-	-	-	-	●	●
	2 1/2 x 1 1/4 x 3/16	-	-	-	-	●	-
2 1/2 x 1 1/2 x 3/16	-	-	-	-	●	-	

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing hard metric sizes, please inquire.

	AUBURN	BIRMINGHAM	CONNECTICUT**	JACKSON	KANKAKEE	KINGMAN**	MARION	SEATTLE***	SOUTH CAROLINA	TEXAS	UTAH*
REBAR											
#3 (10 MM)	•	•	•	•	•	•	•	•	•	•	•
#4 (13 MM)	•	•	•	•	•	•	•	•	•	•	•
#5 (16 MM)	•	•	•	•	•	•	•	•	•	•	•
#6 (19 MM)	•	•	•	•	•	•	•	•	•	•	•
#7 (22 MM)	•	•	•	•	•	•	•	•	•	•	•
#8 (25 MM)	•	•	•	•	•	•	•	•	•	•	•
#9 (29 MM)	•	•	•	•	•	•	•	•	•	•	•
#10 (32 MM)	•	•	•	•	•	•	•	•	•	•	•
#11 (36 MM)	•	•	•	•	•	•	•	•	•	•	•
#14 (43 MM)	•	•	•	•	•	•	•	•	•	•	•
#18 (57 MM)	•	•	•	•	•	•	•	•	•	•	•

*Produces straight and coiled rebar in sizes 3-6. **Produces coiled rebar only in sizes 3-6. ***Produces rebar in 15 mm, 20 mm, 30 mm, 35 mm, 45 mm, & 55 mm.

SBQ

NUCOR STEEL AUBURN	<p>Round SBQ cut length: 1/2" to 1 1/2"</p> <p>Flat sizes: 1/4" to 1" thick, 1" to 6" wide</p> <p>Square SBQ cut length: 1/2" to 1"</p> <p>Billet sizes: 5" and 6" Square</p>
NUCOR STEEL MEMPHIS	<p>Round SBQ cut length: 2 1/4" to 10"</p> <p>Round-cornered square cut length bars: 2" to 8"</p> <p>As cast round billets: 20 1/8", 16 1/4", 13 1/2", 12 1/4" and 10 1/2"</p> <p>Rolled square billets: variable sizes</p>
NUCOR STEEL NEBRASKA	<p>Round SBQ cut length: 1/2" to 3 3/32"</p> <p>Rod/Bar in coil: 7/32" to 1 9/16"</p> <p>Hex sizes in coil: 9/16" to 1 7/16", cut length: 9/16" to 2 3/32"</p> <p>Square sizes in coil: 1/2" to 15/16", cut length: 1/2" to 2 1/16"</p> <p>Round-cornered squares: 9/16" to 2 1/16" on request</p> <p>Flat sizes: 3/16" to 1 1/2" thick, 1" to 6" wide</p> <p>Billet sizes: 6 5/8" Square and 6" Round</p>
NUCOR STEEL SOUTH CAROLINA	<p>Round SBQ cut length: 9/16" to 3 1/8"</p> <p>Bar in coil: 9/16" to 1 3/16"</p> <p>Cut length bars: 9/16" to 3 1/8"</p> <p>Round-cornered squares: 7/8" to 3 1/16" on request</p> <p>Flat sizes: 1/4" to 1 1/2" thick, 1 1/2" to 8" wide</p> <p>Billet sizes: 5 1/8", 5 1/2", 6 1/4", 7" square and 6" x 9" bloom</p> <p>Hex sizes: 5/8" to 1 9/16"</p>

WIRE ROD

	SIZES	GRADES
NUCOR STEEL CONNECTICUT	7/32" – 23/32"	1006 – 1078
NUCOR STEEL KINGMAN	7/32" – 11/16"	1006 – 1080
NUCOR STEEL NEBRASKA*	7/32" – 45/64"	1006 – 1090

* See SBQ table for bar in coil capabilities





SUMMARY

LOCATIONS

www.nucor.com

NUCOR CASTRIP ARKANSAS 5929 East State Highway 18, Blytheville, AR 72315 Phone: 870-762-5500 Fax: 870-762-9268	NUCOR STEEL DECATUR 4301 Iverson Boulevard, Trinity, AL 35673 Phone: 256-301-3500 Fax: 256-301-3545
NUCOR STEEL ARKANSAS 7301 E. County Road 142, Blytheville, AR 72315 Phone: 870-762-2100 Fax: 870-762-2108	NUCOR STEEL INDIANA & NUCOR CASTRIP INDIANA 4537 South Nucor Road, Crawfordsville, IN 47933 Phone: 765-364-1323 Fax: 765-364-1695
NUCOR STEEL BERKELEY 1455 Hagan Avenue, Huger, SC 29450 Phone: 843-336-6000 Fax: 843-336-6108	NUCOR STEEL TUSCALOOSA 1700 Holt Road, Tuscaloosa, AL 35404 Phone: 205-562-1277 Fax: 205-556-1476

PRODUCTS

HOT ROLLED Steel sheet is processed to its final thickness by rolling at high temperatures on a hot rolling mill. Can further process by pickling and oiling, which is a method of removing the surface oxides and applying an oil to improve lubricity and provide a more rust-resistant product	FLOOR PLATE Surestride™ floor plate is hot rolled with a raised lug pattern that provides safe walking and working surfaces anywhere dusty, oily, or wet environments create hazardous conditions. Also available as pickled and oiled.	CASTRIP® An Ultra-thin Cast Steel (UCS) product exclusively offered by Nucor that can be used in many applications, substituting for both hot-rolled and cold-rolled sheet. Offered as hot-rolled, pickled and oiled, or as a galvanized product.	COLD ROLLED Hot-rolled steel that has been cold rolled to its specified final thickness at room temperature. May be supplied as fully processed (annealed) or full hard.	GALVANIZED Steel sheet coated with a thin layer of zinc to increase its corrosion resistance. Our galvanizing is done through a hot-dip operation.
				GALVANNEALED An extra tight coating of galvanizing metal (zinc) applied to a soft steel sheet, after which the sheet is passed through an oven. The coating is dull gray without spangle.

CAPABILITIES (Refer to nucor.com for most current capabilities.)

		DIMENSION RANGE (inches)				GRADES	NOTES
		THICKNESS		WIDTH			
		min	max	min	max		
NUCOR STEEL ARKANSAS	HOT ROLLED	0.055	0.625	36	64	Commercial Steel (CS), Drawing Steel (DS), Conversion to A36, Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 45-80), API Grades, Rephos, Copper Added, AR200, Conversion to 871 Grade 65, A606, JIS and EN grades.	Pickled & Oiled available. Temper passing available.
	SURESTRIDE™ FLOOR PLATE	0.059	0.500	36	64	Commercial Steel (CS), Conversion to A36, Structural Grade 36, HSLA Grade 50. Other specialty grades may be available.	Produced as ASTM A786, pattern #4. Pickled & Oiled available.
	COLD ROLLED	0.015	0.100	36	61.5	Commercial Steel (CS), Drawing Steel (DS), Structural Steel (SS 25-80), High Strength Low Alloy (HSLA 45-70), Quarter, Half, and Full Hard, Motor Lamination, Commercial Bright, Rephos, A606 Type 2 & 4, JIS and EN grades.	Commercial Bright available.
	GALVANIZED	0.015	0.100	36	61.5	Commercial Steel (CS), Forming Steel (FS), Structural Steel (SS 33-80), High Strength Low Alloy (HSLA 50-60), FH 109 ksi, JIS and EN grades.	Hot Dipped Galvanized. Produced as Minimum Spangle. G30-G210 Coating, Extra Smooth, Chem. Treat & RoHS Compliant Chem. Treat, UL Certification.
NUCOR CASTRIP ARKANSAS	UCS	0.033	0.057	42	60.0	Commercial Steel (CS), Structural Steel Grades (SS 30-60), High Strength Low Alloy (HSLA 50-65), Copper Added, A606, JIS and EN grades.	Pickled & Oiled available. All material sold cut edge.
	UCS GALVANIZED	0.028	0.057	42	60.0	Commercial Steel (CS), Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 50-80), Copper added, CRFH, RA70, JIS and EN grades.	Hot Dipped Galvanized. Produced as Minimum Spangle, G30-G210 Coating.

UCS is Ultra-thin Cast Steel produced by our Castrip® facilities.

CAPABILITIES (cont.)

		DIMENSION RANGE (inches)				GRADES	NOTES
		THICKNESS		WIDTH			
		min	max	min	max		
NUCOR STEEL BERKELEY	HOT ROLLED	0.055	0.625	36	67	Commercial Steel (CS), Drawing Steel (DS), Conversion to A36, Structural Steel (SS 30-55), High Strength Low Alloy (HSLA 45-80), Dual Phase, API Line Pipe, Rephos, Pressure Vessel Quality, 10B38, A606 Type 2 & 4, Copper Added, JIS and EN grades.	Pickled & Oiled available, Temper Passing available on Pickled product, CE Mark Certified S235JR.
	COLD ROLLED	0.012	0.115	33	65	Commercial Steel (CS), Drawing Steel (DS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), Structural Steel (SS 25-40), High Strength Low Alloy (HSLA 45-55), 1/4 Hard, 1/2 Hard, Full Hard, Motor Lamination, Rephos, Enameling, A606 Type 2 & 4, Copper Added, JIS and EN grades.	Texturized Finish (Super Seville Pattern) inq. Commercial Bright available.
	GALVANIZED & GALVANNEALED	0.012	0.115	33	65	Commercial Steel (CS), Forming Steel (FS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), Structural Steel (SS 33-80), FH 109 ksi, High Strength Low Alloy (HSLA 50-60), Dual Phase, AHSS, UHSS (NuPhase), Bake Hard & Dent Resistant, JIS and EN grades.	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G235 coating. Galvannealed A40-A60 Coating, Extra Smooth, Chem. Treat & RoHS Compliant Chem. Treat, Acrylic Coated.
NUCOR STEEL INDIANA	HOT ROLLED	0.055	0.625	35	55	Deep Drawing Steel (DDS), Commercial Steel (CS), Drawing Steel (DS), Conv to A36, Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 45-80), API Grades, Sour Service, A606, JIS (440-590), Stretch flangeable (SF), High carbon 1035-1095, Alloy grades, H-grades, Aerospace, Boron grades and EN grades.	Pickled & Oiled available. Temper passing available.
	COLD ROLLED	0.013	0.097	34	52.5	Extra-deep drawing (EDDS), Deep Drawing Steel (DDS), Commercial Steel (CS), Drawing Steel (DS), 1/4 Hard, 1/2 Hard, Full Hard, Conv to A36, Structural Steel Grades (SS 30-50), High Strength Low Alloy (HSLA 45-70), JIS (270-440), Stretch flangeable (SF), High carbon 1035-1074, Motor Lam Type 1-8, Spheroidized, Normalized, H-grades, Aerospace, No. 2 Regular Bright Finish, Boron grades and EN grades.	Commercial Bright available.
	GALVANIZED	0.013	0.130	34	52.5	Extra-deep drawing (EDDS), Deep Drawing Steel (DDS), Commercial Steel (CS), Forming Steel (FS), Conversion to A36, Structural Steel Grades (SS 30-50), High Strength Low Alloy (HSLA 45-65), JIS (270-440), Stretch flangeable (SF), Full hard and EN grades.	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G185 Coating Extra Smooth, Chem. Treat.
NUCOR CASTRIP INDIANA	UCS	0.033	0.057	42	48.5	Commercial Steel (CS), Structural Steel Grades (SS 30-60), High Strength Low Alloy (HSLA 50-65), Copper Added, A606, JIS and EN grades.	Pickled & Oiled available. All material sold cut edge.
	UCS GALVANIZED	0.028	0.057	42	48.5	Commercial Steel (CS), Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 50-80), Copper added, CRFH, RA70, JIS and EN grades.	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G185 Coating.
NUCOR STEEL DECATUR	HOT ROLLED	0.055	0.750	36	64.5	Commercial Steel (CS), Drawing Steel (DS), Conversion to A36, Structural Steel (SS) Grades 30-55, High Strength Low Alloy (HSLA) Grades 45-100, API Thru X70, Copper Added, Armor Plate, AR Grades, Weathering Steels, JIS and EN grades, PVQ - SA414 Grades A, C & G.	Pickled & Oiled available. Temper passing available.
	COLD ROLLED	0.014	0.135	36	64	Commercial Steel (CS), Drawing Steel (DS), Deep Drawing Steel (DDS), 1/4 Hard, 1/2 Hard, Full Hard, Structural Steel (SS) Grades 25 - 40 & 80, High Strength Low Alloy (HSLA) Grades 45-70, Rephos, JIS and EN grades	Commercial Bright available.
	GALVANIZED & GALVANNEALED	0.015	0.100	36	72	Commercial Steel (CS), Forming Steel (FS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), High Strength Low Alloy (HSLA), Bake Hardenable (BH) 180 - 250, Dual Phase (DP) 590 - 980, JIS and EN grades	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G100 Coating. Galvannealed A40-A60 Coating, Extra Smooth, Chem. Treat & RoHS Compliant Chem. Treat, Acrylic Coated, Phosphate.
NUCOR STEEL TUSCALOOSA	HOT ROLLED	0.187	1.000	48	96	Coils for conversion to A36, A283, A285, A455, A500, A572, A516, A588, A871, AR200, ABS, Lloyds, API Grades, EN 10025, S275, S355, A139, A252	Can cut to temper passed plate.

UCS is Ultra-thin Cast Steel produced by our Castrip® facilities.

AN EVOLUTION IN STEEL

THE MOMENT OUR FIRST MINI MILL BEGAN OPERATIONS MORE THAN 40 YEARS AGO, IT IGNITED A NEW WAY OF THINKING IN THE AMERICAN STEEL INDUSTRY. AND WE'VE BEEN CHANGING THE INDUSTRY EVER SINCE. USING A REVOLUTIONARY THIN-SLAB PROCESS, NUCOR MINI MILLS ARE NOW CAPABLE OF PRODUCING HOT-ROLLED, SURESTRIDE™ FLOOR PLATE, CASTRIP® ULTRA-THIN CAST STEEL, COLD-ROLLED, AND GALVANIZED/GALVANNEALED SHEET AT QUALITY LEVELS NEVER BEFORE IMAGINED. THE TOTAL CAPACITY OF OUR FOUR SHEET MILLS IS APPROXIMATELY 10,800,000 TONS PER YEAR.



Traditional Thick-Slab



Nucor Thin-Slab



Nucor Castrip® Ultra-Thin Cast Steel



THE SMALL BANG THEORY

SMALL THINKING AND BIG IDEAS

At Nucor, we're as proud of our technical innovations as we are of the philosophy that made them possible. A philosophy of small thinking and big ideas. A philosophy that says the best way to meet the needs of an industry is to focus on the needs of the individual customer. Through continuous innovation, technological aggressiveness and dedication to the customer, Nucor's position as a dominant presence is set on a course far into the future. Proving once again that big things really do come in small packages.

It's no accident that our family of flat-rolled steel plants are redefining what being a mini mill means. Nucor has an R&D portfolio that few can match and a proud history of technological firsts to show for it.

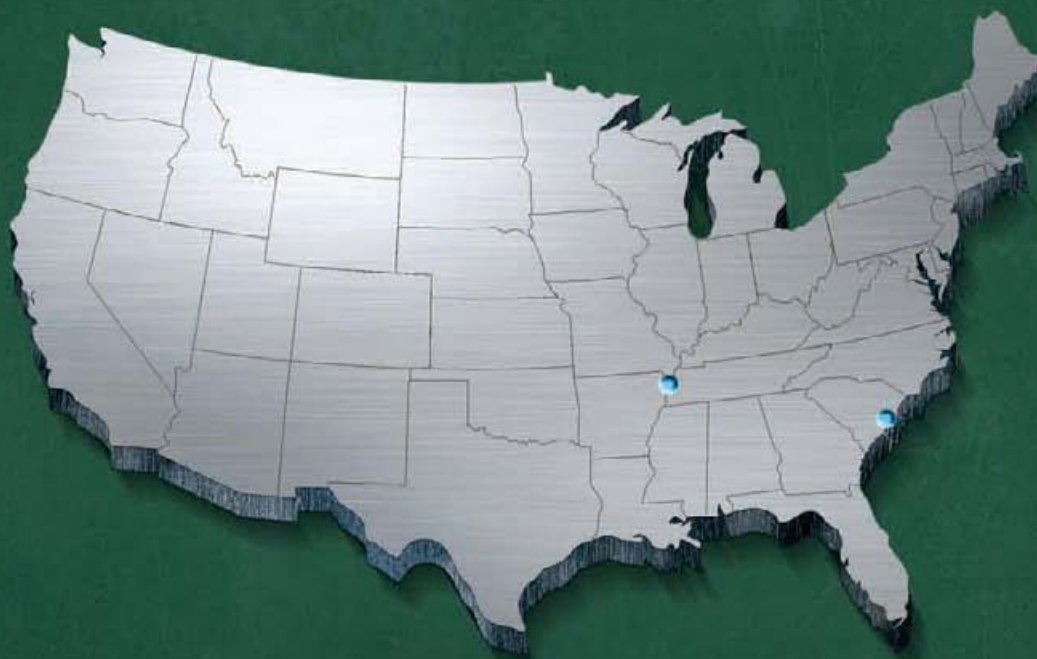
It begins with the advent of the mini mill itself, which our competitors dismissed as folly. Then quickly copied. And it includes the industry's first thin-slab casting sheet mill, which our competitors mocked. Then immediately copied. Today our record of leading the pack has never been stronger. We constructed the world's first "micro-mill," which transforms molten metal directly into steel sheet in just one remarkable step. We also installed the industry's first vacuum degasser for thin-slab casting, which allows us to produce grades of steel beyond anyone's expectations. All of which proves we just can't leave well enough alone.

PRODUCT APPLICATIONS

Today you will find Nucor sheet steel used in a variety of markets.

- Agriculture
- Appliance
- Armor Plate
- Automotive
- Construction Products
- Culvert
- Entry Systems
- Furniture
- Heavy Equipment
- High Carbon/Alloy
- HVAC
- Lawn & Garden
- Lighting Fixture
- Metal Buildings
- Motor Lamination
- Packaging/Container
- Pipe & Tube
- Transportation
- Water Heater







SUMMARY

LOCATIONS

www.nucor.com

NUCOR STEEL BERKELEY

1455 Hagan Avenue
Huger, SC 29450
Phone: 843-336-6000
Fax: 843-336-6108

NUCOR-YAMATO STEEL

5929 East State Highway 18
Armored, AR 72310
Phone: 870-762-5500
Fax: 870-762-9268

PRODUCTS

HOT ROLLED (Main Product Specs)

		MANUFACTURED HOUSING BEAMS	WIDE FLANGE BEAMS	STANDARD BEAMS	CHANNELS	MC CHANNELS	ANGLES	SHEET PILE SECTIONS	H-PILE SECTIONS	
NUCOR STEEL BERKELEY	SIZE	From M6 to M12, N12.5	From W4x4 to W14x6-3/4 From 7# to 50#	S3, S4, S5, S6, S8 and S10	C8, C10, C12 and C15	MC10x8.4, MC12x10.6 and MC10x22-28.5				
	GRADES	Standard Structural grades of: ASTM A36, A572-50, A992, and A588 (with some exceptions) Equivalent grades of: ASTM A709 and AASHTO M270							NA	
	LENGTHS	Standard Lengths: 20' – 60', in 5' increments								
NUCOR-YAMATO STEEL COMPANY	SIZE		From W8x6.5 to W44x16 From 24# to 730#	S12, S15, S18 S20 and S24	C12 and C15	MC12, MC13, and MC18	L8x6 and L8x8	PZ22, PZ27, PZ35, and PZ40 PS27 and PS31	HP8x8, HP10x10, HP12x12, HP14x14.5, HP16x16 and HP18x18	
	GRADES	NA	Standard Structural grades of: ASTM A36, A572-50, A992, and A588 (with some exceptions) Equivalent grades of: ASTM A709 and AASHTO M270							
	LENGTHS		Standard Lengths: 30' – 80', in 5' increments							

CONTINUOUS CASTING IMPROVES QUALITY

OUR STRUCTURAL MILLS PRODUCE WIDE-FLANGE STEEL BEAMS, PILINGS AND HEAVY STRUCTURAL STEEL PRODUCTS FOR FABRICATORS, CONSTRUCTION COMPANIES, MANUFACTURERS AND STEEL SERVICE CENTERS. IN 1988, NUCOR AND YAMATO KOGYO CO. LTD., ONE OF JAPAN'S MAJOR PRODUCERS OF WIDE-FLANGE BEAMS, FORMED A PARTNERSHIP AND OPENED A STEEL MINI MILL TO MANUFACTURE WIDE-FLANGE BEAMS IN BLYTHEVILLE, ARKANSAS. ELEVEN YEARS LATER, NUCOR EXPANDED TO BERKELEY, SOUTH CAROLINA, AND OPENED A STEEL BEAM MILL WHICH PRODUCES 1,000,000 TONS PER YEAR. BOTH MILLS USE A SPECIAL CONTINUOUS CASTING METHOD THAT PRODUCES A BEAM BLANK CLOSER IN SHAPE TO THAT OF THE FINISHED BEAM THAN TRADITIONAL METHODS. CURRENT ANNUAL PRODUCTION OF BOTH STRUCTURAL MILLS IS APPROXIMATELY 3,700,000 TONS.





SUPPLY CHAIN

According to the American Institute of Steel Construction (AISC), the four distinct components of the structural steel industry are:

- Producers of structural steel products including hot-rolled structural shapes (wide-flange beams, plate, channels and angles) and manufacturers of hollow structural sections (formerly known as tubular steel).
- Service Centers that function as warehouses and provide limited preprocessing of structural material prior to fabrication.
- Structural Steel Fabricators that physically prepare the structural steel for a building through a process of developing detailed drawings (the work of a detailer) based upon the construction drawings provided by a structural engineer; material management; cutting; drilling; shop fitting (bolting and welding); painting (when required); and shipping.
- Erectors that construct the structural steel frame on the project site by bolting and field welding structural steel components together according to the construction documents.

PRODUCT APPLICATIONS

Our products are used in the following structural applications: structural steel buildings, industrial (power, energy) foundations, manufactured housing, highway safety products, bridges, single-family residential, truck trailers, pallet rack storage systems, container chassis, conveyors, farm equipment, ship building, bleachers, construction equipment, oil field equipment, tunnels, railcars, overhead cranes, scales, stairways, metal buildings, canopies and mining support.



PLATE



SUMMARY

LOCATIONS

www.nucor.com

NUCOR STEEL HERTFORD, INC.
 1505 River Road
 Cofield, NC 27922
 Phone: 252-356-3728
 Fax: 252-356-3762

NUCOR STEEL TUSCALOOSA, INC.
 1700 Holt Road
 Tuscaloosa, AL 35404
 Phone: 205-562-1277
 Fax: 205-556-1476

PRODUCTS

HOT ROLLED (Main Product Specs)		SURFACE CONDITIONS		DIMENSIONS RANGE (INCHES)																	
		Temper Passed		Gauge/Thickness		Width		Length													
				Min	Max	Min	Max	Min	Max												
NUCOR STEEL HERTFORD	DISCRETE PLATES	NA		5/16"	3.0"	72"	120"	120"	1,030"												
	COILS	NA		3/16"	1"	48"	96"	NA	NA												
	CUT-TO-LENGTH PLATES	Yes		3/16"	1"	60"	96"	120"	720"												
NUCOR STEEL TUSCALOOSA	DISCRETE PLATES	NA		1"	2.5"	60"	96"	120"	540"												
GRADES		A36	44W	A139	A500	A572-50, 55	A572-60, 65	A588	A516-70	SA612	ABS A	ABS B, AH, DH	LLOYDS GRADE A & A136	GERMANISCHER GRADE A	API X GRADES	CE-MARK CERTIFIED FOR EN10025 S275JR & S355JR/J2	A140	4130	1045	A514 B, H	NuHeat 400F-500F
NUCOR STEEL HERTFORD	DISCRETE PLATES	•	•	-	-	•	•	•	•	•	•	-	-	-	•	•	•	•	•	•	•
NUCOR STEEL TUSCALOOSA	COILS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	-	-	-
	CUT-TO-LENGTH PLATES	•	•	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	-	-	-
	DISCRETE PLATES	•	•	-	-	•	-	•	-	•	-	-	-	-	-	-	•	-	-	-	-

SPECIALTY PLATE

Please contact a Nucor Plate representative for specific grade or dimensional range inquiries that are not listed. We offer a large product range and are constantly testing new grades and capabilities to offer the best product to our customers.

FLAT OUT COMMITMENT

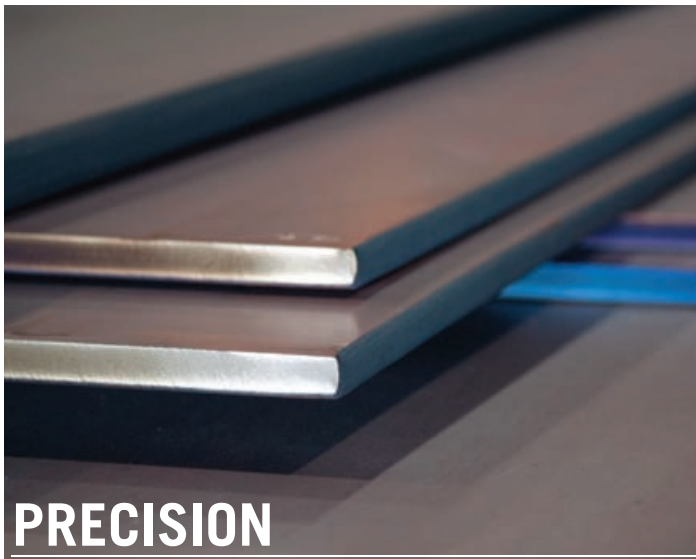
NUCOR STEEL PLATE MILL GROUP MANUFACTURES A WIDE RANGE OF CARBON, HSLA AND PRESSURE VESSEL-QUALITY STEEL PRODUCTS IN COILS, CUT-TO-LENGTH AND DISCRETE PLATES. OUR MILLS OFFER A WIDE RANGE OF GAUGES, WIDTHS, LENGTHS AND GRADES THAT ARE CUSTOMIZED TO MEET EACH INDIVIDUAL CUSTOMER'S PRECISE SPECIFICATIONS. THE PLATE GROUP HAS CONSISTENTLY DEMONSTRATED PRODUCT VERSATILITY, QUALITY, AND COST ADVANTAGES OVER TRADITIONAL PLATE MILLS, MAKING US ONE OF THE INDUSTRY'S LEADING DOMESTIC PRODUCERS.



PLATE

OUR STORY

FLAT OUT:



CAPACITY

Comprised of two production facilities located in Hertford County, NC, and Tuscaloosa, AL, Nucor Plate has the annual capacity to produce 2,900,000 million tons of hot-rolled coils, cut-to-length plate and discrete plate. Both mini mills extensively monitor the history of each product through the entire production process, from the entry of raw material scrap through the cut line and shipping, to ensure superior quality and customer satisfaction. And as part of the largest recycler in North America, the majority of steel produced at Nucor Plate is made from recycled scrap.

Opening its doors in 2000 as Nucor's first plate mill and latest greenfield site, Nucor Steel Hertford is a domestic leader in the production of discrete plate. In order to better serve customers with an expanded product mix, Nucor Hertford has added a new heat treat line. This investment will increase capabilities to produce 72" to 120" wide quench and temper product with future capability of producing 72" to 120" wide normalized plates.

As the first American steel mill to implement Steckel technology, Nucor Steel Tuscaloosa was the first to put the advantages of this efficient, cost-effective technology to work for industry. Recognizing the continued advances in product dimensional control, Tuscaloosa installed a temper mill facility that produces superior-quality plate. Following this investment, we are now proud to offer the flattest plate on the market.

Nucor continues to strive to be the industry leader, offering its customers the best-quality products and service on the market.

PRODUCT APPLICATIONS

Nucor Plate Group products are used in a wide range of applications including rail, marine, wind turbines, high mast utility poles and transmission towers, bridges, pipe/tube, construction and mining equipment, infrastructure and storage tanks.

DISTRIBUTION

Nucor Plate Group operates within six major markets: Distribution Centers, Energy, Fabricators, Transportation, Exports, and Pipe/Tube. Our mills' efficient material handling facilities and accessible interstate rail and highway systems ensure on-time deliveries to our customers. Located on major tributaries, we have direct access to all international waterways for economical transportation of raw materials and finished goods.





ACCESS MADE EASY

www.nucor.com

THE NUCOR E-COMMERCE TEAM HAS DEVELOPED MANY MEANS FOR CUSTOMERS TO ACCESS THEIR ACCOUNT INFORMATION. THOSE INCLUDE AN ELECTRONIC BUSINESS-TO-BUSINESS COMMUNICATION SYSTEM, AND CONSUMER WEBSITES SO CUSTOMERS CAN STAY INFORMED ON THE STATUS OF THEIR ACCOUNTS.



CONTACT

NUCOR CORPORATE

1915 Rexford Road

Charlotte, NC 28211

Phone: 843-395-8666 / 315-258-4353

Fax: 704-362-4208

ACCESSING INFORMATION

Nucor currently offers an electronic business-to-business communication system for key customers who source bar, sheet, structural, cold finish and plate products. Our objective is to build and improve trading partner relationships. By providing easy access points to customer information and sending electronic documents, we foster relationships and simultaneously impact everyone's bottom line.

The benefits of an Electronic Business-to-Business System:

- Cost efficient: reduces operating costs, improves accuracy of data
- Time efficient: allows for instant document receipt into customer's database, reduction in lead times
- Customizable: accommodates customer's business model and requirements
- Data: eliminates manual errors

Consumer sites are built to allow customers access to more detailed account information which includes:



- Customer orders/entering new orders/releasing orders
- Search and view Material Test Reports, invoices and bills of lading
- Reports based on customer shipments and orders

BUILDING BETTER RELATIONSHIPS WITH OUR CUSTOMERS

Nucor has enhanced customer relationships through vendor-managed inventory (VMI) programs. The e-commerce group works closely with the Nucor sales departments and customers to initiate and maintain successful VMI programs. Such programs are tied to the customer's forecast information where the corresponding Nucor division will allocate tons for the customer and release material accordingly.

STEEL PRODUCTS



- | | | | | |
|---|---|--|---|---|
|  COLD FINISH |  REBAR FABRICATION |  REBAR DISTRIBUTION |  WIRE PRODUCTS |  GRATING |
|  FASTENER |  VULCRAFT/VERCO |  BUILDINGS GROUP |  STEEL FRAMING |  HIGHWAY |



COLD FINISH



SUMMARY

LOCATIONS

www.nucor.com

NUCOR COLD FINISH NEBRASKA
2301 W Omaha Avenue
Norfolk, NE 68702
Phone: 800-228-8107
Fax: 402-644-8559

NUCOR COLD FINISH SOUTH CAROLINA
2800 N. Gov. William's Hwy.
Darlington, SC 29540
Phone: 800-333-0590
Fax: 843-395-8759

NUCOR COLD FINISH UTAH
1875 West Hwy. 13 South
Brigham City, UT 84302
Phone: 800-276-1688
Fax: 435-734-4581

NUCOR COLD FINISH WISCONSIN
7200 South 6th Street
Oak Creek, WI 53154
Phone: 800-236-8835
Fax: 414-764-2073

NUCOR-LMP, INC
2000 East 1st Street
Maryville, MO 64468
Phone: 800-888-7046
Fax: 660-582-7730

LAUREL STEEL
5400 Harvester Road
Burlington, ON, Canada L7R 3Y8
Phone: 800-265-6811
Fax: 905-634-7888

PRODUCTS BY LOCATION

SIZE RANGE	NUCOR COLD FINISH NEBRASKA	NUCOR COLD FINISH SOUTH CAROLINA	NUCOR COLD FINISH UTAH	NUCOR COLD FINISH WISCONSIN	LAUREL STEEL	NUCOR-LMP	
ROUNDS	1/8"	-	-	-	-	•	
	3/16"	•	-	-	-	•	
	1/4" - <5/16"	•	•	•	-	•	
	5/16" - <1"	•	•	•	-	•	
	1" - 3"	•	•	•	•	•	
	>3" - 3-1/2"	•	•	•	•	•	
	>3-1/2" - 4"	-	•	-	•	-	
>4" - 6"rd	-	-	-	•	-		
SQUARES	5/32" - <7/16"	-	-	•	•	-	
	7/16" - <1/2"	-	•	•	•	•	
	1/2" - <3/4"	•	•	•	•	•	
	3/4" - 2"	•	•	•	•	•	
	2" - 2-1/2"	-	•	•	•	-	
	2-1/2" - 4"	-	-	-	•	-	
HEXES	5/32" - <5/16"	-	-	-	•	-	
	5/16" - <7/16"	-	-	•	•	•	
	7/16" - <3/8"	•	•	•	•	•	
	3/8" - <3/4"	•	•	•	•	•	
	3/4" - 1-1/2"	•	•	•	•	•	
	>1-1/2" - 2"	•	•	•	•	•	
	>2" - 2-1/2"	-	•	-	•	•	
>2-1/2" - 4"	-	-	-	•	-		
T&P/TGP BARS	1/2" - <5/8" DG&P	-	-	•	-	•	
	5/8" - <1" DGP	•	-	•	-	•	
	1" - 3" TG&P	•	•	-	-	•	
	>3" - 3-1/2" TG&P	•	•	-	-	•	
	>3-1/2" - 4" TG&P	•	•	-	-	•	
Utah has centerless grinding — size- 1" max. Norfolk offers TGP and T&P in Q&T 4140 grade.							
FLATS	1/4" thick	-	-	•	-	-	
	3/8" thick	•	•	•	-	-	
	1/2" thick	•	•	•	•	•	
	5/8" thick	•	•	•	•	•	
	3/4" thick	•	•	•	•	•	
	1" thick	•	•	•	•	•	
	1-1/4" thick	•	•	•	•	-	
	1-1/2" and up	-	•	•	•	-	
	approx MAX WIDTH COMBINATION						
	Sizes to 1/2" x 7"	-	-	-	•	-	-
	Sizes to 1" x 4"	•	•	•	•	-	•
	Sizes to 1-1/4" x 3"	•	•	•	•	-	-
	Sizes to 1-1/2" x 6"	-	•	-	•	-	-
	Sizes to 2" x 3"	-	•	•	•	-	-
Sizes to 2" x 4"	-	•	•	•	-	-	
Sizes to 2" x 6"	-	-	-	•	-	-	
Sizes to 3" x 6"	-	-	-	•	-	-	
ALLOY FLATS							
OTHER CAPABILITIES							
Stress relieve annealing to ASTM A311-B	•	•	-	-	-	•	
Wire processing	-	-	-	-	•	•	
Cold roll wire	-	-	•	-	-	-	
Keyway 1"	•	•	•	-	-	-	
Keyway 1-1/4"	•	-	-	-	-	-	
D-sections	•	•	-	-	-	•	
Sawcutting/chamfering	•	•	•	•	•	•	
Precision sawcutting	•	•	-	-	-	•	
UT testing	•	-	-	-	-	-	

Norfolk also provides Annealing, Off-Line Encircling Coil Testing, and HR Machine Straightening.

EVERY BAR IMAGINABLE

THE NUCOR COLD FINISH GROUP IS YOUR COMPREHENSIVE SOURCE FOR QUALITY COLD FINISH BARS. WHEN TAKEN AS A WHOLE, OUR PRODUCTION PLANTS OFFER A HUGE RANGE OF PRODUCTS, FROM THE SMALLEST DIAMETER WIRE PRODUCTS, TO SIZES UP TO SIX INCHES IN DIAMETER. A VARIETY OF PROCESSES, CAPABILITIES, GRADES AND ALLOYS RESULTS IN A LARGE NUMBER OF COMBINATIONS. BUT IF YOU HAVE A SPECIAL REQUIREMENT OR UNIQUE SITUATION, DON'T WORRY — BACKED BY THE RESOURCES OF NUCOR, THE NUCOR COLD FINISH GROUP HAS THE TECHNICAL EXPERTISE TO ENGINEER A BAR THAT MEETS YOUR PARTICULAR APPLICATION.



COLD FINISH

OUR STORY

GROWTH

Nucor Cold Finish wasn't always the largest cold finish producer in North America. In fact, like our parent company, Nucor Corporation, our beginnings were small. But, we've grown to become a cold finish producer that has numerous production plants and offers the widest range of products you can find from one manufacturer. And we know exactly how we got here: by building partnerships with our customers and providing them with quality products, priced right and delivered on time.



MULTIPLE PRODUCT CAPABILITIES

CARBON

ALLOY

LEADED STEEL GRADES

ROUNDS

HEXAGONS

FLATS

SQUARES

ROUNDS WITH KEYS

NU-STANDARD™

SPECIAL SECTIONS

DRAWING

TURNING

GRINDING

ANNEALING

STRESS RELIEVING

SAW CUT TO LENGTH

CHAMFERING

EDDY CURRENT TESTING

ROUNDS	GRADES	SIZE/RANGES
	1018, 1045, 1117, 1215, 8620 1141/44, 4140 annealed, 11L17, 11L41	1/8" – 6"
	12L14, 12L14 with Bismuth, 12L14 with Tellurium	1/4" – 6"
	86L20, 41L40	5/16" – 6"
	1137	3/16" – 6"
	1144SR NU-STANDARD™ stress relieved to ASTM A-311 B	3/16" – 2-1/2"
	A36	1/4" – 4"

may be subject to mill minimums available in one- or two-ton bundles

TURNED & POLISHED	GRADES	SIZE/RANGES
	1018, 1045, 1144, 8620, 4140	3/4" – 4"

may be subject to mill minimums

TURNED, GROUND & POLISHED	GRADES	SIZE/RANGES
	1018, 1045, 1144, 8620, 4140	3/4" – 4"

may be subject to mill minimums

PUMP SHAFT QUALITY SHAFTING	GRADES	SIZE/RANGES
	1045	1" – 2-11/16"

rough ground to cold finish size tolerance

FLATS	GRADES	SIZE/RANGES
1018		1/4" x 1" – 6" wide
		5/16" x 2-1/4" – 3" wide
		3/8" x 1" – 6" wide
		7/16" x 1-1/2" – 5" wide
		1/2" x 1" – 7" wide
		9/16" x 1" – 6" wide
		5/8" x 1" – 6" wide
		3/4" x 7/8" – 6" wide
		7/8" x 1" – 6" wide
		1" x 1-1/8" – 6" wide
		1-1/8" x 1-1/4" – 6" wide
		1-1/4" x 1-3/8" – 6" wide
		1-3/8" x 1-1/2" – 6" wide
		1-1/2" x 1-5/8" – 6" wide
		1-5/8" x 2" – 6" wide
		1-3/4" x 2" – 6" wide
		2" x 2-1/4" – 6" wide
		2-1/4" x 2-1/2" – 6" wide
		2-1/2" x 2-3/4" – 6" wide
		3" x 3-1/2" – 6" wide
11L17		3/8" x 2" – 4" wide
		1/2" x 1" – 6" wide
		5/8" x 1" – 6" wide
		3/4" x 1-1/8" – 6" wide
		7/8" x 1-1/4" – 6" wide
		1" x 1-1/4" – 6" wide
		1-1/8" x 2" and 2-1/2" and 6" wide
		1-1/4" x 13/8" – 6" wide
		1-3/8" x 1-1/2" and 6" wide
		1-1/2" x 1-3/4" – 6" wide
		1-5/8" x 2" – 6" wide
		1-3/4" x 2-1/2" – 6" wide
		2" x 2-1/2" – 6" wide
		2-1/4" x 2-1/2" – 6" wide
		2-1/2" x 2-3/4" – 6" wide
		3" x 4" – 6"

available in one- or two-ton bundles

SQUARES	GRADES	SIZE/RANGES
	1018, 1117	7/16" – 4"
	1045, 4140, 1215, 12L14	1/2" – 4"
	1117	3/4" – 4" Inquire 1/2" to under 3/4"

available in one- or two-ton bundles

HEXES	GRADES	SIZE/RANGES
	1018	5/16" – 4"
	12L14, 1215, 4140, 12L14 w/Tellurium	1/4" – 4"
	1117	3/8" – 3" Inquire above 3" – 4"
	1141, 1144	5/16" to under 1/2" 9/16" – 3"
	1144SR ASTM A311-B	5/8" – 2" Inquire above 3" – 4"
	ASTM A-36	7/16" to under 1/2" 5/8" to under 3/4"
	41L40	3/8" – 3" Inquire above 3" – 4"
	1045	5/16" to under 1/2" 9/16" – 3" Inquire above 3" – 4"

available in one- or two-ton bundles

4140 ALLOY FLATS	GRADES	SIZE/RANGES
4140		3/8" x 1-1/2" – 4" wide
		1/2" x 1" – 6" wide
		5/8" x 1" – 6" wide
		3/4" x 1" – 6" wide
		7/8" x 1" – 6" wide
		1" x 1-1/4" – 6" wide
		1-1/4" x 1-1/2" – 6" wide
		1-1/2" x 1-3/4" – 6" wide
		1-3/4" x 2" – 6" wide
		2" x 3" – 6" wide
		2-1/2" x 3" and 6" wide
		3" x 3-1/2" and 6" wide

available in one- or two-ton bundles

D SECTIONS	GRADES	SIZE/RANGES
	1018	1/2", 5/8", 3/4", 1"

available in one- or two-ton bundles

THE FOLLOWING "EXTRAS" ARE AVAILABLE FOR AN ADDITIONAL CHARGE:

- Rounds are available in 24' lengths in 1-3/16" – 2-7/16" diameters. An additional charge applies to less than five tons per size.
- Stretch wrapping
- Paper wrapping
- Nonstandard lengths (not in 1/16" increments, 12' or 20' lengths). An additional charge applies to less than five tons per size/length.
- Chamfered ends
- Customer-requested bulkheading
- Saw cut ends are available
- Grinding is available in a size range of 1/4" – 3-1/2"
- Cold drawing for Turned and Polished/Turn Ground and Polished bars
- Bearing quality grades available upon request

Please inquire about shapes, sizes and grades not listed. Low-volume items may require a minimum order quantity or be subject to additional charges.

COLD FINISH

PRODUCT DETAILS

ADDITIONAL CAPABILITIES

CULVERT ACCESSORIES

Corrugated Metal Pipe Fasteners are made only from steel produced in the United States. Nucor-LMP produces these fasteners to meet AASHTO specifications. An extensive inventory is maintained in order to cut customer lead times and ensure on-time delivery.

A full inventory of the following products is available: rivets, aluminum rivets, carriage bolts, oval and flat lugs, water-tight band rods, CSP band angles, aluminum angles, silo lugs, hex nuts, and flange nuts. All culvert accessories are electro-zinc galvanized to prevent corrosion.

Nucor-LMP's line of culvert accessories are extensively utilized in the manufacture and connection of corrugated metal pipes.

Principal end-use key markets are culvert manufacturers, federal and state highway construction, bridge and infrastructure projects, and storm water management systems.

	PIPE DIAMETER	STRAIGHT ROD LENGTH
WATER-TIGHT BAND RODS	—	25"
	—	29"
	—	33"
	8"	39"
	10"	46"
	12"	52"
	15"	61"
	18"	72"
	21"	80"
	24"	90"
	27"	100"
	27"	102"
	30"	108"
	36"	128"
	42"	147"
48"	166"	
54"	188"	
60"	205"	
72"	243"	

	SIZES	
RIVETS	PAN HEAD	.312" x .500" – .312" x 1.00"
		.375" x .625" – .375" x 1.125"
		.437" x .750" – .437" x 1.125"
FLAT HEAD	.312" x .625" – .312" x 1.00"	
	.375" x .625" – .375" x 1.125"	
ALUMINUM RIVETS	.312" x .500" – .312" x .625"	
	.375" x .750" – .375" x 1.00"	

	SIZES	
BOLTS	CARRIAGE	.500" x 6.00"
		.500" x 8.00"
		.375" x 2.250"

	SIZE	DESCRIPTION
CSP BAND ANGLES	7"	ALL HOLE, BLANK
	9"	BLANK
	12"	ALL HOLE, BLANK
	14"	BLANK
	18"	
	20"	
24"	ALL HOLE, BLANK	

	SIZES	DESCRIPTION
LUGS	OVAL	ALL HOLE, BLANK
	FLAT	
	SILLO	DOUBLE TYPE LUG

	MISCELLANEOUS ITEMS
	3/8" HEX NUTS
	1/2" HEX NUTS
	1/2" FLANGE NUTS



ADDITIONAL CAPABILITIES

PLATING

Nucor-LMP offers our customers electro-zinc galvanizing services. This in-house plating process preserves our steel products with a rust preventative zinc coating.

Still line plating is available in bar lengths up to 22'. Barrel line plating is available for smaller custom parts.

Plating size and length capabilities:
.250" dia. x 18" through 1.500" x 22'.

Plating services can be utilized on a contract toll basis for customer-supplied material or as a value-added process to our line of cold finished bar products.



ALL THREAD ROD

Our All Thread Rod is manufactured from steel that is melted and rolled only in the United States.

Finishes: All Thread Rods are offered in black and zinc-plated condition.

Size Range: .250" – 1.250" in lengths of 3', 6', 10' and 12'.

Grades: Nucor-LMP produces national coarse-thread rods to ASTM A 307 grade C and ASTM F 1554 grade 36 (1008 – 1018).

Packaging: Rods are packaged in fiber tubes.

Key Markets: Industrial, Construction and Concrete forms.





REBAR FABRICATION

CONTACTS

HARRIS REBAR COMPANIES — A FAMILY OF BRANDS

www.nucor.com

HARRIS REBAR U.S.

PHOENIX, AZ
602-254-0091

FRESNO, CA
559-251-7363

LIVERMORE, CA
925-373-0733

SOUTHERN CA
909-397-7155

DENVER, CO
303-295-2641

BOISE, ID
208-888-0039

ALBUQUERQUE, NM
505-344-6844

CARSON CITY, NV
775-246-8622

PORTLAND, OR
503-222-1813

SALT LAKE CITY, UT
801-596-2668

SEATTLE, WA
253-847-5001

HARRIS REBAR CANADA

CALGARY, AB
403-272-8801

EDMONTON, AB
780-986-7055

FORT SASKATCHEWAN, AB
780-992-0777

ABBOTSFORD, BC
604-864-8656

KELOWNA, BC
250-766-0608

NANAIMO, BC
250-722-3378

RICHMOND, BC
VANCOUVER, BC
604-946-1231

SAINT JOHN, NB
506-658-1959

MOUNT PEARL, NL
709-368-8541

DARTMOUTH, NS
902-468-2526

BRAMPTON, ON
905-799-1220

LONDON, ON
519-455-4570

OTTAWA, ON
613-836-8804

SARNIA, ON
519-383-8260

STONEY CREEK, ON
905-662-5700

SUDBURY, ON
705-682-1222

THUNDER BAY, ON
807-345-2543

WINDSOR, ON
519-737-6953

REGINA, SK
306-352-1217

SASKATOON, SK
306-242-8455

AMBASSADOR STEEL

NEWTON, IA
641-792-7142

BOURBONNAIS, IL
815-929-3770

BURR RIDGE, IL (Bridges)
ROCHELLE, IL
815-562-2818

MOORESVILLE, IN
317-834-3434

COMSTOCK PARK, MI
517-393-2780

LANSING, MI
517-393-2780

MINNEAPOLIS, MN
612-788-2928

KANSAS CITY, MO
816-455-9820

ST. LOUIS, MO
314-382-9855

MARION, OH
MONROE, OH
513-539-9104

MENOMONIE, WI
715-235-1281

WAUKESHA, WI
262-547-6111

NUFAB REBAR

MILTON, FL
850-981-0024

ZELLWOOD, FL
407-464-3710

ALEXANDRIA, LA
SLIDELL, LA
985-641-9090

LUMBERTON, NC
CREEDMOOR, NC
919-894-3900

CATAWBA, SC
803-329-3651

DALLAS, TX
800-677-3227

DAYTON, TX
936-258-8221

LONGVIEW, TX
903-297-7477

BARKER STEEL

SOUTH WINDSOR, CT
860-603-4489

SOUTH DEERFIELD, MA
800-542-6756

BALTIMORE, MD
800-237-4041

CANAAN, NH
508-473-8484

AVENEL, NJ
508-473-8484

ALBANY, NY
508-473-8484

BETHLEHEM, PA
800-547-3227

PAWTUCKET, RI
401-724-9200

FREDERICKSBURG, VA
540-899-6016

PRODUCTS
800-370-0132 EXT 203

OTHER BRAND NAMES

CENTRAL STEEL
2301 131st Ave, NE
Lake Stevens, WA 98258
425-334-3100

COLUMBIA BASIN
577 2nd Ave.
Burbank, WA 99323
509-547-2471

CONSOLIDATED REBAR
4361 East Tennessee St.
Tucson, AZ 85714
520-295-8989

ROCKFORD FABRICATORS
6448 Irene Road
Belvidere, IL 61008
815-547-8998

SOUTH PACIFIC STEEL
91-178 Kalaeloa Blvd.
Kapolei, HI 96707
808-682-4766

THE STRENGTH WITHIN

THROUGH ITS FAMILY OF BRANDS, THE HARRIS REBAR COMPANIES OFFER NATIONAL STRENGTH WITH LOCAL SERVICE. WITH OVER 70 FABRICATION LOCATIONS THROUGHOUT THE UNITED STATES AND CANADA, THE HARRIS REBAR COMPANIES HAVE THE CAPACITY TO FABRICATE AND DELIVER IN EXCESS OF ONE MILLION TONS OF FABRICATED REBAR EACH YEAR. ALL OF THE HARRIS REBAR COMPANIES HAVE THE ABILITY TO DELIVER A FULL-SERVICE SOLUTION COMPRISED OF ESTIMATING, DETAILING, FABRICATION, INSTALLATION, AND CONTRACT MANAGEMENT. WITH A CONSTANT FOCUS ON SAFETY, ACCURACY AND ON-TIME DELIVERY TO THE CUSTOMER IN ACCORDANCE WITH DEMANDING CONSTRUCTION SCHEDULES, THE HARRIS REBAR COMPANIES ARE MORE THAN JUST REBAR FABRICATORS.



REBAR FABRICATION

OUR STORY

PRODUCTS

The Harris Rebar Companies provide services for concrete reinforcement including estimating, detailing, fabrication, delivery, accessories, and placing services. Additional services available include post-tensioning and wholesale rebar distribution. The Barker Steel group also offers concrete accessory products as well as forming and shoring services.

The Harris Rebar Companies are more than just a rebar supplier, “They are a Construction Services Company.”

REBAR FABRICATION The Harris Rebar Companies have over 70 fabrication locations in North America with a capacity of over 1,000,000 tons. Based on customer specifications, our experienced staff will estimate, detail, fabricate and deliver the steel reinforcing bar, mesh, and accessories for any project size. Engineered to order — every project we fabricate is unique. Each job will be detailed and fabricated to meet customer specifications and delivered according to the construction schedule. Rebar is available in all sizes, grades, and finishes to meet customer needs.

INSTALLATION SERVICES The Harris Rebar Companies are one of the largest employers of ironworkers in North America with the capability to supply and install in any market. By working closely with detailing, project management and fabrication, their field expertise contributes to and allows for trouble-free and safe service to the customer. Rebar placing can be offered as a separate service or as part of a combined furnish and install package.

ESTIMATING AND DETAILING Estimators work from contract drawings to calculate the rebar and accessories needed for a project. By communicating with the customer during the estimating process, the Harris Rebar Companies provide an accurate and efficient estimate for every project.

Detailers do more than create drawings for rebar and building products placement. They answer customer questions and resolve issues that come up as job designs change. The detailers track orders, deliveries and serve as liaisons between the customer and fabrication shops and field installation crews.

CORROSION-RESISTANT PRODUCTS Epoxy-coated rebar in typical bar sizes is available in conjunction with our fabrication service to meet the specifications of any commercial or highway project. The Harris Rebar Companies can provide DOT-approved material throughout the United States and Ministry of Transportation–approved material across Canada.

Other corrosion-resistant rebar is available including:

- Stainless Steel Bar
 - Galvanized Bar
-

ACCESSORIES, MESH A full line of accessories including bar supports, mechanical couplers, rebar caps, tie wire, terminators, and much more are available. The Harris Rebar Companies also carry a wide range of wire mesh products.

POST-TENSION The post-tensioning division provides a first-rate solution to the challenge of effectively coordinating the budgeting, detailing, supply, and installation of every item required for post-tensioning reinforced structures.

BUILDING PRODUCTS, FORMING AND SHORING Barker Steel’s Building Products division provides a wide variety of contractor supplies and the highest-quality brands, along with comprehensive services and competitive pricing, including chemicals, grouts, safety equipment, anchor bolts, epoxies and hundreds of other building supplies.

The Barker Steel operations also offer top-of-the-line forming and shoring products, in-depth engineering support and quality drawings for even the most complex projects. Field service technicians are available to provide onsite component assembly and full technical support.

NOTE: The above descriptions are only a sample of the products and services we offer. When it comes to rebar and concrete-related products questions, please refer all inquiries to the nearest Harris Rebar Group contact.

ENGINEERED TO ORDER

QUALITY SERVICE

Harris Rebar Companies' quality focus is **Right the First Time—On Time, In Full** while producing in a **Just-In-Time** environment. They understand customers want their reinforcing steel **in place on schedule at the job site**. As a result, their goal for the duration of each contract is to fabricate the **Right Part**, delivered to the **Right Place**, at the **Right Time**.

No matter where you travel, with over 70 locations across North America, Harris Rebar Companies make sure that the customer receives consistent service and the materials needed to get the job done.

COMPLETE SUPPLY AND INSTALL PACKAGE

Through their ability to manage both the fabrication and installation of rebar, the Harris Rebar Companies eliminate the headaches typically associated with multiple subcontractors providing the fabrication and installation services.

Constructability, efficiency, safety and cost effectiveness are key goals of our furnish and install services, enabling the general contractor and owner to meet their goal for on-time completion of the project.

PROJECT TYPES

The Harris Rebar Companies specialize in supplying fabricated rebar to general contractors, construction managers, developers, subcontractors, precasters and specialty contractors throughout the United States and Canada. All facilities have the ability to provide the complete line of rebar products and services, no matter how small or how large the project may be.

Industrial & Commercial

- High-Rise
- Theaters
- Restaurants
- Warehouses
- Manufacturing
- Mining

Public

- Schools
- Universities
- Water Treatment
- Wastewater Treatment

Highway

- Bridge
- Paving

Power

- Wind
- Solar
- Ethanol
- Nuclear
- Oil Shale
- Coal





HARRIS
SUPPLY SOLUTIONS INC



REBAR DISTRIBUTION

LOCATIONS

HEADQUARTERS

www.nucor.com

HARRIS SUPPLY SOLUTIONS

1700 Seventh Avenue, Suite 2100
Seattle, WA 98101
Phone: 206-357-8520
Fax: 206-357-8521

DISTRIBUTION CENTERS

WEST

CALIFORNIA BAY AREA / PACIFIC NORTHWEST WASHINGTON

9589 Four Winds Drive, #1526
Elk Grove, CA 95758
Phone: 866-683-6017
Fax: 916-683-6052

CENTRAL VALLEY CALIFORNIA / PACIFIC NORTHWEST OREGON

9589 Four Winds Drive, #1526
Elk Grove, CA 95758
Phone: 916-683-6011
Fax: 916-683-6052

SOUTHERN CALIFORNIA

1353 Old Temescal Road, Suite 122
Corona, CA 92881
Phone: 951-284-4230
Fax: 951-284-4294

SOUTHERN CALIFORNIA INDUSTRIAL

43015 Blackdeer Loop
Temecula, CA 92590
Phone: 951-775-7300
Fax: 951-699-3268

SOUTHWEST

AZ, NM, NV

3090 S. Jamaica Court, Suite 102
Aurora, CO 80014
Phone: 303-337-6927
Fax: 888-832-5610

TEXAS

9500 Ray White Road, Suite 200
Fort Worth, TX 76248
Phone: 877-728-1660
866-930-4003
Fax: 866-337-3270

555 Republic Dr., Suite 200
Plano, TX 75074
Phone: 972-516-4260
Fax: 972-516-4261
Cell: 214-458-4634

INTERMOUNTAIN

CO, ID, UT, WY

4590 Harrison Blvd., Suite 101A
South Ogden, UT 84403
Phone: 801-621-4003
Fax: 801-621-2277

MIDWEST

IA, IL, IN, MI, MN, PA, WI

1954 Boulevard West
Kokomo, IN 46902
Phone: 765-453-7426
Fax: 765-453-7449

IA, NE, MN, MO, SD

3090 S. Jamaica Court, Suite 102
Aurora, CO 80014
Phone: 720-748-0264
Fax: 877-492-1898

IL, MN, WI

1954 Boulevard West
Kokomo, IN 46902
Phone: 765-453-7185
Fax: 765-453-7449

IN, KY, MI, OH

1954 West Boulevard
Kokomo, IN 46902
Phone: 765-453-7171
Fax: 765-453-7449

KY, OH, PA, WV

1710 North Main Street, Suite G
Auburn, IN 46706
Phone: 260-487-4038
Fax: 888-845-9602

MID-ATLANTIC

DE, MD, PA, VA

518 Cleveland Avenue, Suite 2A
Chambersburg, PA 17201
Phone: 717-496-8576
Fax: 717-496-8577
Cell: 443-683-9143

SOUTH

AL, EAST TN, GA, NC, SC,

301 Heritage Walk, Suite 104
Woodstock, GA 30188
Phone: 678-494-3920 x 2086
Fax: 678-494-3921

AL, LA, MS, TN

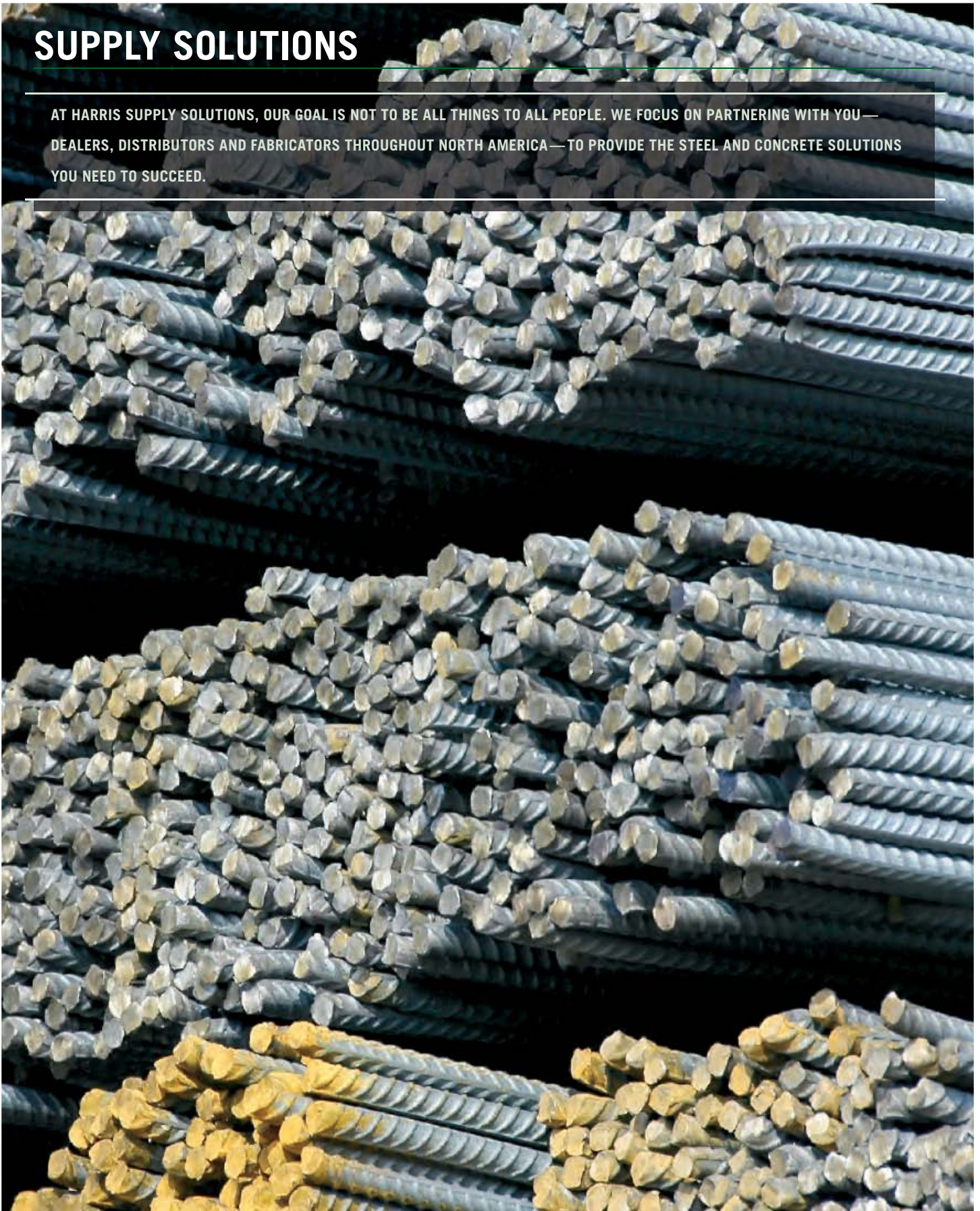
221 West 2nd Street
Little Rock, AR 72201
Phone: 501-244-9707
Fax: 501-244-2177

SALES SUPPORT

1954 West Boulevard
Kokomo, IN 46902
Phone: 765-453-7470
Fax: 765-453-7449

SUPPLY SOLUTIONS

AT HARRIS SUPPLY SOLUTIONS, OUR GOAL IS NOT TO BE ALL THINGS TO ALL PEOPLE. WE FOCUS ON PARTNERING WITH YOU — DEALERS, DISTRIBUTORS AND FABRICATORS THROUGHOUT NORTH AMERICA — TO PROVIDE THE STEEL AND CONCRETE SOLUTIONS YOU NEED TO SUCCEED.



REBAR DISTRIBUTION

OUR STORY

THE RIGHT MISSION

Focused solely on steel and concrete-associated products, we deliver consistent quality, reliable service, competitive pricing and Just-In-Time delivery anywhere you need.

Our knowledgeable, industry-savvy professionals are focused on delivering innovative solutions and outstanding customer service.

Focused on your success, we deliver results. The quality you expect, competitively priced and delivered where you need it, when you need it.

THE RIGHT NEED

In 2005, Harris Supply Solutions was created to meet a need in the steel and concrete market for better products, provided by true experts focused solely on solutions that help customers achieve success. This simple philosophy was embraced by the marketplace. Harris Supply has grown within a few years to become the largest supplier of rebar and remesh in the United States.

But growth is measured by more than just numbers. As we learn about the ever-changing needs of our marketplace, we are deepening the relationship with our parent company, Nucor Corporation, leveraging the worldwide power of Nucor Trading, servicing the fabrication needs of the residential market through Harris Rebar, and narrowing our focus to those products and services that best meet the needs of our customers.

OUR PRODUCTS

The right solutions begin with the right products at the right price, backed by professionals who know you, your business and the results you expect. As the largest distributor of rebar in the United States, we are intently focused on supplying rebar and remesh to contractor supply yards, small and mid-sized fabricators, lumber yards and block/masonry yards.

REBAR	REMESH
Black	Black
Epoxy Coated	Epoxy Coated
Fabricated	

THE RIGHT PLACE

To succeed in business today, you have to recognize that the global economy means your best solution could be half a world away. And exceptional service demands distributors that are close enough to know you and understand your business. Harris Supply Solutions offers a unique combination of global access — through Nucor Trading — and regional distribution points to deliver localized, personal service, right where you need it.





WIRE PRODUCTS



SUMMARY

LOCATIONS

www.nucor.com

NUCOR GOLD FINISH UTAH 1875 West Highway 13 South Brigham City, UT 84302 Phone: 435-734-9334 Fax: 435-734-4581	NUCOR WIRE PRODUCTS PENNSYLVANIA, INC 1015 New Salem Road New Salem, PA 15468 Phone: 724-245-9577 Fax: 724-245-9770	LAUREL STEEL BURLINGTON 5400 Harvester Road Burlington, ON, Canada L7R 3Y8 Phone: 905-681-6811 Fax: 905-634-7888
NUCOR STEEL CONNECTICUT, INC 35 Toelles Road Wallingford, CT 06492 Phone: 203-265-0615 Fax: 203-265-7676	NUCOR-LMP, INC 2000 East First Street Maryville, MO 64468 Phone: 660-582-3127 Fax: 660-582-7730	LAUREL-LEC BRANTFORD 84 Shaver Street Brantford, ON, Canada N3T 5S1 Phone: 519-759-2300 Fax: 519-759-1570

PRODUCTS

BRIGHT BASIC WIRE

Industrial or plating quality, made-to-order. Wire can be shipped as coil or straightened and cut. Our flexibility and extensive raw material inventory allow us to produce made-to-order wire with short lead times.

S&C pencil rod available in diameters from .125" through .500" in lengths from 2' through 24'.

Coils from .062" through .625" (see table below).

Common grades produced include: 1008, 1010, 1012, 1018, 1030, 1035 and 1045.

- Various package dimensions and processes are available — please inquire.
- Wire products can be chemically cleaned to achieve a consistently brighter, cleaner surface. Please see table below.
- Key markets for Bright Basic Wire include point-of-purchase displays, wire form fabricators, automotive, appliance, lawn and garden and wire shelving.

BRIGHT BASIC WIRE	QUALITY	SIZE RANGE*	COMMON GRADES**								PACKAGE SIZE			
			1006	1008	1010	1012	1018	1030	1035	1045	STANDARD	AVAILABLE IN		
NUCOR-LMP	IQ - Acid cleaned	.062" – .525"	-	•	•	•	•	•	•	•	2,000 lbs.	1,500 lbs. – 4,000 lbs.		
	PQ - Acid cleaned													
LAUREL STEEL	IQ - Acid cleaned	.062" – .625"												
	PQ - Acid cleaned	.062" – .5"	-	•	•	•	•	•	•	•				
	IQ - Mechanical	.375" – .625"												
LAUREL-LEC	IQ - Mechanical	.125" – .438"												1,000 lbs. – 3,500 lbs.
	SQ - Mechanical (Rolled)	.160" – .505"	•	•	•	•	-	-	-	-	3,500 lbs.	1,000 lbs. – 4,500 lbs.		
NUCOR GOLD FINISH UTAH	SQ - Mechanical (Rolled)	.118" – .256"	-	•	•	•	•	-	-	-	2,000 lbs.	1,500 lbs. – 6,000 lbs.		
NUCOR WIRE PRODUCTS PENNSYLVANIA	IQ - Mechanical	.116" – .390"	-	•	•	•	•	-	-	-		1,500 lbs. – 2,500 lbs.		
	SQ - Mechanical (Rolled)	.134" – .375"	-	•	•	•	•	-	-	-	3,500 lbs.	3,000 lbs. – 4,000 lbs.		
NUCOR STEEL CONNECTICUT	IQ - Mechanical	.096" – .618"	-	•	•	•	•	-	-	-	2,000 lbs.	1,500 lbs. – 6,000 lbs.		
	SQ - Mechanical (Rolled)	.134" – .628"	-	•	•	•	•	-	-	-	3,500 lbs.	3,000 lbs. – 6,000 lbs.		

*Multiple sizes available. Please inquire for your specific size. **Various AISI grades available. Please inquire for any grade not listed.

PRODUCTS *continued*

WELDED WIRE MESH		SURFACE			DIMENSIONS RANGE								SPACING		
		Black	Galv	Epoxy	Thickness Line Wire		Thickness Cross Wire		Width		Length				
					Min	Max	Min	Max	Min	Max	Min	Max			
NUCOR STEEL CONNECTICUT	WWR	ROLLS	•	-	-	in	0.131"	0.226"	0.131"	0.226"	60"	60"	600"	1800"	Line wire 4", 6" Cross wire 4" up to 12"
			mm	3.32	5.74	3.32	5.74	1524	1524	15240	45720				
	SHEETS ¹	•	•	•	in	0.131"	0.315"	0.131"	0.315"	42"	144"	18"	480"	Line wire 4", 6", 8", 10", 12" Cross wire 4", 6", 8", 10", 12"	
		mm	3.32	8.0	3.32	8.0	1067	3658	457	12192					
	SWWR	SHEETS ²	•	•	•	in	0.226"	0.628"	0.19"	0.628"	32"	126"	96"	540"	Line wire 2" and then infinitely variable Cross wire 2" and then infinitely variable
			mm	5.74	15.95	4.88	15.95	813	3200	2438	13716				
	MINE	SHEETS	•	•	na	in	0.131"	0.226"	0.131"	0.226"	48"	60"	84"	192"	Line wire 4", 6" Cross wire 2", 4", 6"
			mm	3.32	5.74	3.32	5.74	1219	1524	2134	4877				

¹Under 60" width, the material needs to be sheared ²Maximum welded width (line wire to line wire) is 120"

NUCOR WIRE PRODUCTS PENNSYLVANIA	WWR	ROLLS	•	-	-	in	0.135"	0.192"	0.135"	0.192"	48"	96"	600"	2400"	Line wire 4", 6", 12" Cross wire 4", 6", 12"
			mm	3.40	4.90	3.40	4.90	1219	2438	15240	60960				
		SHEETS	•	•	•	in	0.135"	0.375"	0.135"	0.224"	42"	96"	84"	240"	Line wire 4", 6", 12" Cross wire 4", 6", 12"
			mm	3.40	9.50	3.40	5.70	1067	2438	2134	6096				
	SHEETS	•	•	•	in	0.224"	0.375"	0.192"	0.375"	60"	96"	120"	240"	Line wire 4" and then multiples of 4 Cross wire 2", 4" and then multiples of 4	
		mm	5.70	9.50	4.90	9.50	1524	2438	3048	6096					
	UTILITY FENCE	ROLLS	-	•	-	in	0.059"	0.092"	0.059"	0.092"	12"	98"	600"	3600"	Line wire 4" and then multiples of 4 Cross wire 2", 4" and then multiples of 4
			mm	1.50	2.30	1.50	2.30	305	2438	15240	91440				
	RACK DECK	SHEETS	•	•	grey powder	in	0.192"	0.256"	0.192"	0.256"	24"	72"	24"	72"	Linewire 2" and then infinitely variable Crosswire 2" and then infinitely variable
			mm	4.90	6.50	4.90	6.50	610	1829	610	1829				
MINE	SHEETS	•	•	na	in	0.135"	0.224"	0.135"	0.224"	48"	96"	120"	240"	Line wire 2", 3", 4" Cross wire 2", 3", 4"	
		mm	3.40	5.70	3.40	5.70	1219	2438	3048	6096					

LAUREL STEEL & LAUREL-LEC	WWR	ROLLS	•	•	-	in	0.131"	0.226"	0.131"	0.226"	24"	96"	600"	12000"	Linewire 3", 4", 6", 8" 10" Crosswire 2" and then multiples of 2" up to 16"
			mm	3.32	5.74	3.32	5.74	610	2438	15240	304800				
		SHEETS	•	•	•	in	0.131"	0.472"	0.131"	0.472"	30"	126"	48"	468"	Linewire 2" and then infinitely variable Crosswire 1" and then infinitely variable
			mm	3.32	12.0	3.32	12.0	762	3200	1219	11887				
	SHEETS	•	•	•	in	0.226"	0.472"	0.226"	0.472"	32"	126"	79"	468"	Linewire 2" and then multiples of 2 Crosswire 2" and then infinitely variable up to 39"	
		mm	5.74	12.0	5.74	12.0	813	3200	2007	11887					
	MINE	SHEETS	•	•	•	in	0.131"	0.472"	0.131"	0.472"	30"	126"	48"	468"	Linewire 2" and then infinitely variable Crosswire 1" and then infinitely variable
			mm	3.32	12.0	3.32	12.0	762	3200	1219	11887				
	PIPE	ROLLS	•	•	-	in	0.148	0.229"	0.148"	0.229"	30"	96"	1200"	12000"	Linewire 3", 4", 6", 8" 10" Crosswire 2" and then multiples of 2" up to 16"
			mm	3.76	5.82	3.76	5.82	762	2438	30480	304800				

NUCOR COLD FINISH UTAH	MINE	SHEETS	•	•	-	in	0.134"	0.315"	0.134"	0.315"	42"	96"	42"	257"	Linewire 2", 3", and multiples thereof Crosswire 2" up to 16" infinitely variable
			mm	3.4	8.0	3.4	8.0	1067	2438	1067	6528				
	WWR	SHEETS	•	•	-	in	0.134"	0.315"	0.134"	0.315"	42"	96"	42"	257"	Linewire 2", 3", and multiples thereof Crosswire 2" up to 16" infinitely variable
			mm	3.4	8.0	3.4	8.0	1067	2438	1067	6528				
		ROLLS	•	-	-	in	0.131"	0.226"	0.131"	0.226"	48"	96"	600"	2400"	Linewire 4", 6", 12" Crosswire 4", 6", 12"
			mm	3.32	5.74	3.32	5.74	1219	2438	15240	60960				

WIRE PRODUCTS

OUR STORY

DRAWN TO STRENGTH

THE NUCOR WIRE PRODUCTS GROUP CAN PROVIDE MATERIAL THAT IS MELTED AND MANUFACTURED IN THE USA. ALL OF OUR MATERIAL IS MADE FROM THE HIGHEST-QUALITY STEEL AND CONFORMS TO ASTM STANDARDS. WE PROVIDE TO OUR CUSTOMERS A CERTIFIED MILL TEST REPORT WHICH CONFIRMS CHEMICAL AND PHYSICAL RESULTS. OPERATING FROM FIVE PLANT LOCATIONS, NUCOR IS ABLE TO PROVIDE A LARGE VARIETY OF WIRE PRODUCTS FROM COAST TO COAST THROUGH OUR NETWORK OF REBAR FABRICATORS, BUILDING SUPPLY DISTRIBUTORS, READY MIX PRODUCERS AND PRODUCERS OF PRECAST CONCRETE PRODUCTS. NUCOR CAN OFFER THE MOST COMPREHENSIVE CONCRETE REINFORCING STEEL PACKAGE FOR THE CONCRETE CONSTRUCTION INDUSTRY.





STRUCTURAL WELDED WIRE REINFORCEMENT

Nucor Wire Products Group is a leading manufacturer of Structural Welded Wire Reinforcement (SWWR) in style and size of specialty custom sheet designs. Wire sizes in deformed (D) or smooth (W) wire ranges in size from D4.0 (diameter 0.225") to D31.0 (diameter 0.628"). Sheet sizes are custom for your requirements with widths from 1 foot to 10 feet 8 inches and lengths up to 45 feet. Epoxy and galvanized coatings are available. Nucor's SWWR products conform to all requirements of ASTM A1064/A1064M.

PROCESS

SWWR is a custom prefabricated Welded Wire Reinforcement (WWR) sheet commonly used as concrete reinforcement throughout the construction industry due to its high product strength (80 KSI) and labor-saving values. Each wire intersection is electrically resistant and welded by a continuous automatic welder. Pressure and heat fuse the intersecting wires into a homogeneous section and fix all wires in their proper position. SWWR may be produced with (W) smooth wire or (D) deformed wire or a combination of both. It is made from high-strength steel Grade 80 with welded intersections. The properties of customary (A615) Grade 60 rebar do not allow this to be welded and limit the design strength to 60,000 psi.

ADVANTAGES

The placing and tying of rebar is one of the most labor-intensive activities on a construction site and can often lead to errors when not properly supervised. SWWR is a cost-effective alternative to tied-in-place rebar, and has evolved into the premier method of effectively and efficiently reinforcing concrete structures. Due to its high strength, prefabricated SWWR can replace rebar sizes #3 to #7 and even larger rebar when specified by reducing the wire spacing. SWWR also has the support of ACI-318 as an equivalent to rebar. Designers and engineers are replacing rebar with SWWR for the following advantages over other types of reinforcement.

- Faster and quicker installation due to welded joints that eliminate the need to tie individual rebar together.
- Field inspections are quicker and faster because wires are machine spaced and welded precise. The placing of prefabricated sheet is faster than placing individual rebar.
- SWWR is lighter and designed to exact specifications so there is no over-steeling, yet it maintains strength.
- SWWR uses less steel and requires less labor, smaller crews, and quicker placing time, leading to further economies in the construction cycle.
- Overall, SWWR, when compared to rebar, can be more cost effective depending upon the application or particular job.

PRODUCT APPLICATIONS

SWWR is most often used for slab-on-grade reinforced concrete construction. Some examples include concrete wall configurations, precast tunnel form segments, cast-in-place tunnels, precast and cast-in-place retaining walls, sound walls, architectural walls, and tilt-up walls. SWWR may also be used in precast concrete products such as prison cells, box culverts, traffic barriers, T and I beams, and segmental bridge sections. The future for SWWR lies in commercial and industrial buildings, sewage treatment plants, energy plants, tunneling, warehouses, stadiums, parking structures, airports and highways.

WIRE PRODUCTS

OUR STORY



WELED WIRE REINFORCEMENT

Nucor Wire Products Group is a leading manufacturer of Welded Wire Reinforcement (WWR) from Standard Building Mesh sheets and rolls to custom-designed Structural Mesh Sheets — both as an alternative to traditional rebar. Wire sizes may vary from 1/8" to 5/8" in diameter, and spacing may be set to achieve the cross-sectional steel area that is required. Standard roll dimensions are generally 5 feet wide and 50 to 150 feet in length. Standard flat sheets are generally 5 to 8 feet wide and 10 to 20 feet in length. Epoxy and galvanized coating are available. Sizes will vary from market to market. The use of WWR as a structural concrete reinforcement material is recognized by the American Concrete Institute (ACI-318).

PROCESS

WWR is a prefabricated reinforcement consisting of parallel series of high-strength, cold-drawn wires welded together in square or rectangular grids. These wires are referred to as longitudinal (long wires) and transverse (cross/width wires). Each wire intersection is electrically resistant and welded by a continuous automatic welder. Pressure and heat fuse the intersecting wires into a homogeneous section and fix all wires in their proper position. The wires are produced from quality hot-rolled, low-carbon steel rods which are then cold-rolled or cold-drawn through a series of dies, reducing the rod to the specified wire diameter. Through the cold working of the steel rod, the mechanical properties are changed, increasing the stiffness, hardness, and tensile strength, while reducing the ductility of the material. The wire is then fed into a large automatic welding machine which produces the rigid grid of reinforcement. The manufacturing process may vary to accommodate various style changes and dimensions.

WHEN ORDERING WWR SHEETS OR ROLLS

WIRE SIZES The size of the wire is provided as a W or D number. W will mean smooth wire and D will denote deformed wire. The number which follows the letter is the area of the wire in hundredths of a square inch. For example, D19.8 would indicate a deformed wire with a cross sectional area of 0.198 square inches while a W11.7 would indicate a smooth wire with a cross-sectional area of 0.117 square inches. Note: Wire can be drawn to exact steel areas required, which eliminates over-steeling and excessive costs.

STYLE These are the spaces and sizes of wire in the standard welded wire reinforcement. An example of this designation is 6" x 12" D14.0 x D6.0. This denotes a WWR in which spacing of the longitudinal wires = 6", spacing of the transverse wires = 12", size of deformed longitudinal wires = D14.0 (0.140 square inches), and size of deformed transverse wires = D6.0 (0.060 square inches).

PRODUCT APPLICATIONS

WWR can be used in residential, commercial and light industrial concrete construction applications. These can vary from slab on grade, supported floor slabs, walls, tilt-up walls, sidewalks, and parking lots.

DIMENSIONS These are linear measurements other than the wire spacing included in the style designation and are as follows:

- **WIDTH** This is the center-to-center distance between outside longitudinal wires.
- **SIDE OVERHANGS** This is the extension of the transverse wires beyond the centerline of the outside longitudinal wires. When specific lengths of side overhang are required, the length will be provided in inches. For example, (+2", +10") means 2" overhang one side and 10" overhang opposite side.
- **OVERALL WIDTH** This is the width plus side overhangs. This is the tip-to-tip measurement of the transverse wire. For example, 84" (+2", +10") = 96" overall.
- **END OVERHANGS** These are the extensions of the longitudinal wires beyond the centerline of the outside transverse wires. Standard end overhangs are equal to half the transverse wire spacing. Unless otherwise specified, standard end overhangs will be supplied.

SPECIALIZED WIRE PRODUCTS

GALVANIZED WIRE ROLLS

Nucor's galvanized (mill galvanized) utility fencing offers the strength and rigidity required for a variety of outdoor applications. Generally shipped in 50-foot or 100-foot rolls in heights from 24 to 96 inches, we will also manufacture product to meet your height and roll length requirements.

PRODUCTION PROCESS

Pre-galvanized wire fed off of a coil into an automatic welding machine that produces rolls. Different wire patterns and spacing can be made to meet customer's request.

PRODUCT APPLICATIONS

Suitable for use in agricultural, residential and mine roof support where corrosion is a concern.

MARKETS

Pre-casters, Mining Supply Distribution Centers, Building Product Distributors, Contractors and End Users.

WIRE DECK & DIVIDERS

Wire Rack Decking is heavy-duty welded steel wire (.262" wire dia./0.225"/.192") with steel channel reinforcements (.092"/.080"/.092") used in warehousing applications as the complementary product to rack systems. Wire Decking provides extra safety and support when storing product on a rack system. It also brings buildings up to fire code, allowing sprinkler systems to be effective in an emergency.

Dividers are welded steel wire with welded candy cane hooks or clips for easy installation. Dividers are used in conjunction with the wire decking to provide an effective solution to keep loads organized or separated.

PRODUCTION & CAPABILITIES

Nucor Wire Products Group uses state-of-the-art machinery to produce wire mesh panels, bend the waterfalls, weld the channels and powder coat the wire deck for a gray finished look. We have capabilities to make decks anywhere from 16" deep to 72" deep by 24" wide to 96" wide. Many standard and custom sizes fall within the large range of parameters that we have available.

MARKETS

The typical customers are large distribution warehouses or box stores. We move our product through a couple of different channels, the first one being distributors, who will stock standard rack deck sizes, and the other being rack manufacturers. Rack manufacturers are a great source for us to distribute our decks to because they can bundle an entire package together for the end-use customer.

FABRICATED FORMED WIRE PRODUCTS

Sold directly to concrete pipe and precast concrete manufacturers and through distributors. Offered as circular and rectangular hoops W1.7 (0.148") to D12 (0.391") up to 72" diameter to reinforce concrete manholes and risers. Spacers and other shapes available.

ANCHOR BOLTS

Sold through Building Supply Distributors. Offered in 1/2" x 6", 8", 10" and 12" L-shaped or Pig Tail Anchor Bolts. Sold with nuts and washers for use in residential and light commercial construction. Custom and larger bolt sizes are run to order.

FORM STAKES

Form stakes are used to position concrete formwork such as concrete sidewalks, curbs and slabs. Form stakes are sold through building supply distributors. Form stakes, also known as curb stakes, nail stakes or curb pins, are produced in a standard 3/4" diameter x 12", 18", 24", 30", 36", 42" and 48" lengths. Offered with nail holes or run-to-order without nail holes in 3/4", 7/8" or 1" diameters.





FISHER & LUDLOW
a NUCOR company



FISHER & LUDLOW

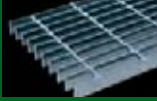



SUMMARY

LOCATIONS

www.nucor.com

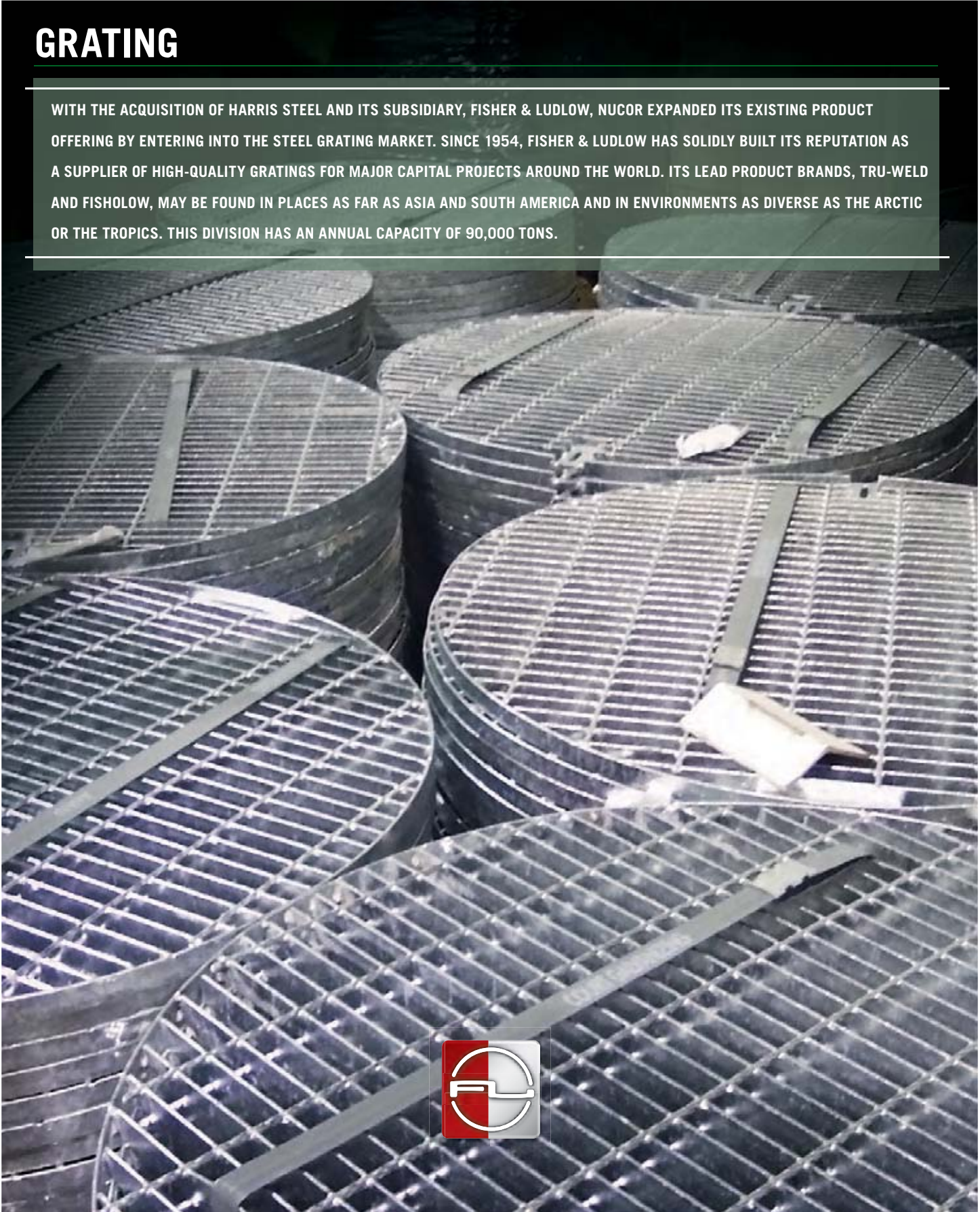
<p>ILLINOIS 1501 Eilerman Avenue Litchfield, IL 62056 Phone: 724-934-5320 Fax: 724-934-5350</p>	<p>NORTH CAROLINA 4816 Worth Place Charlotte, NC 28216 Phone: 859-282-7767 Fax: 859-282-7702</p>	<p>ALBERTA 11610 - 178 Street NW Edmonton, Alberta, T5S 2L2 Phone: 780-481-3941 Fax: 780-481-3967</p>	<p>BRITISH COLUMBIA 19511 - 92nd Avenue Surrey, British Columbia, V4N 4G6 Phone: 604-888-0911 Fax: 604-888-0383</p>	<p>QUEBEC 12450 Blvd Industriel Pointe Aux Trembles, Quebec H1B 5M5 Phone: 514-640-5085 Fax: 514-640-1115</p>
<p>KENTUCKY 8059 Dixie Highway Florence, KY 41042 Phone: 859-282-7767 Fax: 859-282-7702</p>	<p>PENNSYLVANIA 2000 Corporate Drive Suite 400 Wexford, PA 15090 Phone: 724-934-5320 Fax: 724-934-5350</p>	<p>47th Street & 64th Avenue Wetaskiwin, Alberta, T9A 2G4 Phone: 780-481-3941 Fax: 780-481-3967</p>	<p>ONTARIO 750 Appleby Line Burlington, Ontario, L7R 3Y8 Phone: 905-632-2121 Fax: 905-632-6295</p>	
<p>MISSISSIPPI 211 Industrial Drive North Madison, MS 39110 Phone: 859-282-7767 Fax: 859-282-7702</p>	<p>607 Erie Street Saegertown, PA 16433 Phone: 724-934-5320 Fax: 724-934-5350</p>			

PRODUCTS

GRATINGS		MATERIALS	
 <p>BAR GRATING</p>	<ul style="list-style-type: none"> Standard Grating (Forge welded) Heavy-Duty Grating Stainless Steel Grating Aluminum Grating Stair Treads 		
	 <p>SAFETY GRATING</p>	<p>Grip Span</p>	<p>Pre-galvanized Steel Aluminum Alloy Stainless Steel</p>
<p>Shur Grip</p>		<p>Pre-galvanized Steel Aluminum Alloy</p>	
<p>Shur Step Flooring</p>		<p>HRP&O Steel Aluminum Pre-galvanized Steel</p>	
<p>Ladder Rungs</p>		<p>HRP&O Steel Stainless Steel Aluminum</p>	
<p>Stair Treads</p>	<p>Grip Span Shur Grip</p>		
 <p>FIBERGLASS REINFORCED GRATING</p>	<p>FRP Grating</p>	<p>Molded Pultruded</p>	
 <p>EXPANDED METALS</p>	<p>Raised</p>	<p>Aluminum & Carbon Steel</p>	
	<p>Flattened</p>		

GRATING

WITH THE ACQUISITION OF HARRIS STEEL AND ITS SUBSIDIARY, FISHER & LUDLOW, NUCOR EXPANDED ITS EXISTING PRODUCT OFFERING BY ENTERING INTO THE STEEL GRATING MARKET. SINCE 1954, FISHER & LUDLOW HAS SOLIDLY BUILT ITS REPUTATION AS A SUPPLIER OF HIGH-QUALITY GRATINGS FOR MAJOR CAPITAL PROJECTS AROUND THE WORLD. ITS LEAD PRODUCT BRANDS, TRU-WELD AND FISHLOW, MAY BE FOUND IN PLACES AS FAR AS ASIA AND SOUTH AMERICA AND IN ENVIRONMENTS AS DIVERSE AS THE ARCTIC OR THE TROPICS. THIS DIVISION HAS AN ANNUAL CAPACITY OF 90,000 TONS.



FISHER & LUDLOW

OUR STORY

OUR PROCESS

At Fisher & Ludlow, special equipment and manufacturing techniques are employed to ensure that maximum strength and durability are built into every steel and aluminum grating bearing the TRU-WELD and Fisholow names. TRU-WELD steel gratings are forge welded, a system in which Fisher & Ludlow was a pioneer. In this process the bearing and cross bars are permanently forged together by heat and pressure into a single unit construction which results in greater strength per pound than mechanical assembly methods. Fisholow Galok aluminum gratings employ a unique interlocking system that joins the bearing and cross bars together in panels of exceptional rigidity and strength.

All products are manufactured at our modern plants using specially designed heavy-duty, automated equipment, built to our own demanding specifications. Uniformity of quality control is achieved through an integral automatic checking system supplemented by our quality control program. Fisher & Ludlow, Burlington location, is ISO 9001:2000 certified, ensuring all products are manufactured to strict international standards.

KEY MARKETS

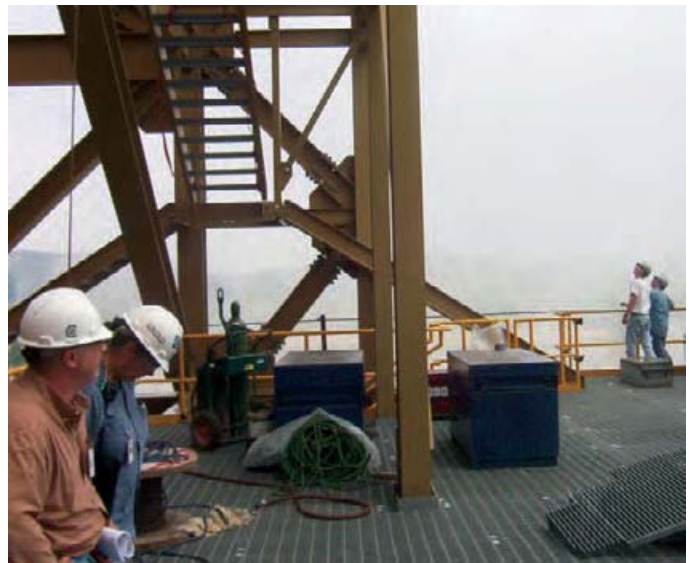
Whether plying the oceans of the world or drilling miles beneath the Earth's surface, buyers rely upon our gratings to perform flawlessly in the broad range of conditions under which they are employed. Specific applications include: mining and smelting operations, power-generating stations, oil fields and refineries, chemical plants, water treatment facilities, pulp and paper producers, transportation equipment, commercial buildings, security institutions and shopping malls.

The wide variety of shapes, sizes, materials and finishes we can offer make TRU-WELD and Fisholow gratings suitable for all kinds of major construction, manufacturing, distribution, transportation, mining, processing and commercial products. Stock products can be supplied quickly from strategically located sales and warehouse facilities, or custom jobs can be manufactured to your particular requirements by our personnel in either Imperial or Metric measurements.

CUSTOM FABRICATION

Fisher & Ludlow is a full-service grating supplier. Our Sales, Engineering and Drafting departments can take your requirements from structural drawings to detailed grating drawings and on to completely fabricated ready-to-install grating.

As we are both a manufacturer and fabricator of gratings we can offer our customers complete "one-source" responsibility for all their grating needs.





FASTENER



SUMMARY

LOCATION

www.nucor.com

NUCOR FASTENER DIVISION
6730 County Road #60






St. Joe, Indiana 46785

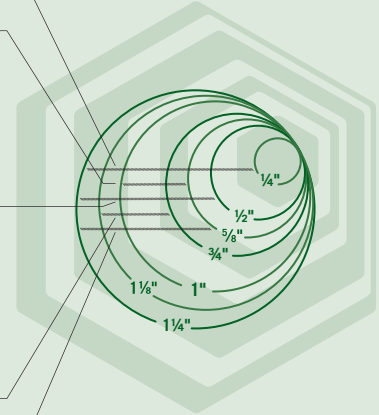
Phone: 260-337-1600

Fax: 260-337-1726




PRODUCTS

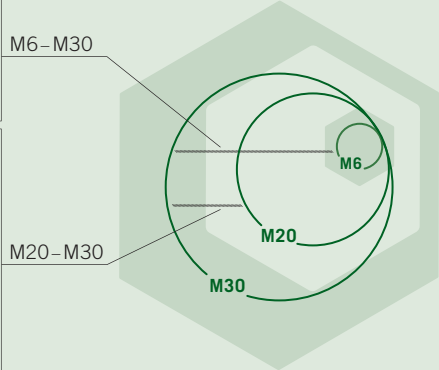
INCH

	GRADE	LENGTH	FINISH	DIAMETER RANGE
 HEX HEAD CAP SCREWS	2 5 8	3/8" - 10"	Plain Zinc & Clear Trivalent Zinc, Bake & Yellow Trivalent	1/4" - 1 1/4"
 FINISHED HEX NUTS	5 8	-	Plain Zinc & Clear Trivalent Zinc, Bake & Yellow Trivalent	5/8" - 1"
 STRUCTURAL BOLTS	A307 A325 A325T A325-3 A490 A490-3	1 1/4" - 10"	Plain/Black Hot Dip Galvanized Mechanical Galvanized	1/2" - 1 1/4"
 HEAVY HEX STRUCTURAL NUTS	C C3 DH DH3 2H	-	Plain/Black Hot Dip Galvanized Mechanical Galvanized	1 1/8" - 1 1/4"
 TRU-TENSION® ASSEMBLIES	F1852 F2280	1 3/4" - 6"	Plain/Black Mechanical Galvanized	3/4" - 1 1/8"
STRUCTURAL WASHERS	F436 Purchased Product	-	Plain/Black Mechanical Galvanized	5/8" - 1 1/4"



METRIC

	CLASS	LENGTH	FINISH	DIAMETER RANGE
 HEX HEAD CAP SCREWS	8.8 10.9 12.9	12mm - 250mm	Plain Zinc & Clear Trivalent Zinc, Bake & Yellow Trivalent	M6 - M30
 STRUCTURAL BOLTS	A325M A490M	50mm - 250mm	Plain/Black Hot Dip Galvanized Mechanical Galvanized	M20 - M30
 HEAVY HEX STRUCTURAL NUTS	10S	-	Plain/Black Hot Dip Galvanized Mechanical Galvanized	M20 - M30



SPECIALTY FASTENERS (BUILT-TO-PRINT)

Submit a blueprint of your fastener and **we'll make it**. We have a large production capacity and offer a variety of head styles, dimensions, grades and finishes. We also offer All Thread Rods and a full inventory of Culvert accessories. Please see the Cold Finish Group for more details.

WE SWEAT THE SMALL STUFF

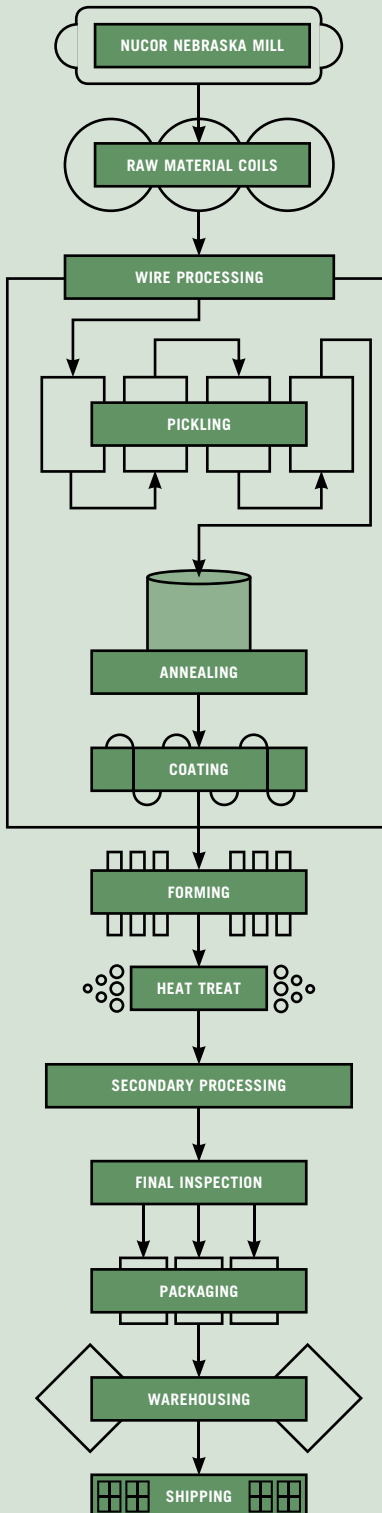
NUCOR FASTENER MANUFACTURES HIGH-QUALITY HEX HEAD CAP SCREWS, FINISHED HEX NUTS, STRUCTURAL BOLTS, NUTS, ASSEMBLIES, FLANGE BOLTS AND BUILD-TO-PRINT FASTENERS. HEAD STYLES, DIMENSIONS AND GRADES CAN BE CUSTOMIZED TO MEET INDIVIDUAL SPECIFICATIONS. AND THROUGH STRATEGIC ALLIANCES WITH PROCESSORS, WE ARE ABLE TO ACCOMMODATE SPECIAL FINISHES, PATCHES, ADHESIVES AND OTHER SECONDARY PROCESSING REQUESTS.



FASTENER

OUR STORY

SIMPLE, YES. BASIC, HARDLY.



WE SWEAT THE SMALL STUFF

We are a domestic leader in fastener production, manufacturing high-quality domestic standard fasteners as well as special items made to individual customer specifications. We also add value to our standard product line through special finishes, patches, adhesives and other secondary processing. Our commitment to quality, integrity, competitive pricing, service and continuous improvement makes us more than your standard fastener manufacturer.

CAPACITY

At Nucor Fastener, we have the capacity to produce over 500 million fasteners each year. Our fastener production takes place almost entirely within our 500,000-square-foot facility. We have control of the manufacturing process from start to finish including wire processing (annealing/pickling), forming, heat treat, inspection, packaging and warehousing. (See flow chart.) And since our dedicated steel source is Nucor Nebraska, we know our steel's history even before it arrives here.

We maintain the integrity of our steel through an advanced tracking system. We are able to keep track of each lot of steel from the raw material coils all the way through warehousing and shipping. Even after the fasteners are shipped, our system allows customers to acquire a full history of the steel.

MANAGING SECONDARY PROCESSING

When you buy a part from Nucor Fastener, you buy the complete part.

- Strategic alliances with leading processors.
- Direct outsource of special plate, patch/adhesive and other secondary operations.
- Quality control upheld.
- Elimination of costly double handling.
- Reduce liability for distributor.
- Streamlined supply chain.
- Responsibility for the quality, traceability, certifications and re-testing of the final product.

A NAME OF STEEL IN EVERY PIECE

QUALITY

Nucor Fastener's business foundation is based on our commitment to quality, integrity, competitive pricing, service and continuous improvement.

REGISTRATIONS

Quality registrations include: ISO 9001, ISO/TS 16949, ISO/IEC 17025 (A2LA). In addition, Nucor Fastener is registered to the ISO 14001 environmental standard.

PRODUCT APPLICATIONS

Nucor fasteners are used in a wide range of bolted connections and applications for vehicles and structures. Our fasteners are used in nonresidential construction including buildings, bridges, stadiums, towers, and power plants; highway signs and barriers; off-road equipment such as graders, bulldozers, front-end loaders, excavators and mining equipment; over-the-road semis, dump trucks and cement mixers; automotive subassemblies such as axles and brakes; farm and agriculture equipment and implements; and maintenance and general assembly applications. If it needs to be held up, down, together or apart, you will find Nucor fasteners.

DISTRIBUTION

We sell through authorized distributors throughout North America. Porteous Fastener also functions as one of our Master Distributors and offers 16 locations across the U.S. and one in Canada.







SUMMARY

LOCATIONS

www.nucor.com

VULCRAFT ALABAMA

7205 Gault Avenue North
Fort Payne, AL 35967
Phone: 256-845-2460
Fax: 256-845-2823

VULCRAFT NEBRASKA

1601 West Omaha Avenue
Norfolk, NE 68701
Phone: 402-644-8500
Fax: 402-644-8528

VULCRAFT SOUTH CAROLINA

1501 West Darlington Street
Florence, SC 29501
Phone: 843-662-0381
Fax: 843-662-3132

VULCRAFT UTAH

1875 West Hwy. 13 South
Brigham City, UT 84302
Phone: 435-734-9433
Fax: 435-723-5423

VERCO DECKING CALIFORNIA

8333 Lime Avenue
Fontana, CA 92335
Phone: 909-822-8079
Fax: 909-822-1015

VULCRAFT INDIANA

6610 County Road 60
St. Joe, IN 46785
Phone: 260-337-1800
Fax: 260-337-1801

VULCRAFT NEW YORK

5362 Railroad Street
Chemung, NY 14825
Phone: 607-529-9000
Fax: 607-529-9001

VULCRAFT TEXAS

175 County Road 2345
Grapeland, TX 75844
Phone: 936-687-4665
Fax: 936-687-4290

VERCO DECKING ARIZONA

4340 North 42nd Avenue
Phoenix, AZ 85019
Phone: 602-272-1347
Fax: 602-269-1758

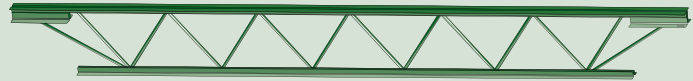
607 Wilbur Avenue
Antioch, CA 94509
Phone: 925-778-2102
Fax: 925-757-0464

PRODUCTS

	JOISTS	JOIST GIRDERS	STEEL DECK
VULCRAFT ALABAMA	•	•	•
VULCRAFT INDIANA	•	•	•
VULCRAFT NEBRASKA	•	•	•
VULCRAFT NEW YORK	•	•	•
VULCRAFT SOUTH CAROLINA	•	•	•
VULCRAFT TEXAS	•	•	•
VULCRAFT UTAH	•	•	N/A
VERCO DECKING ARIZONA	N/A	N/A	•
VERCO DECKING CALIFORNIA	N/A	N/A	•

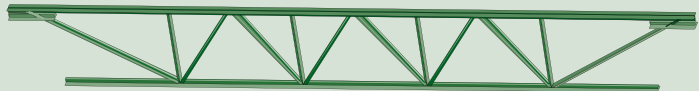
JOISTS

Open-web load-carrying members suitable for the direct support of floors and roofs in buildings.



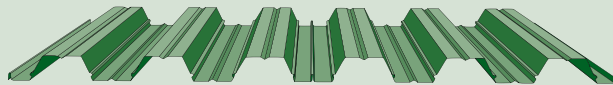
JOIST GIRDERS

Primary framing members supporting open-web steel joists. Joist girders are designed to allow for the efficient use of steel in longer spans.



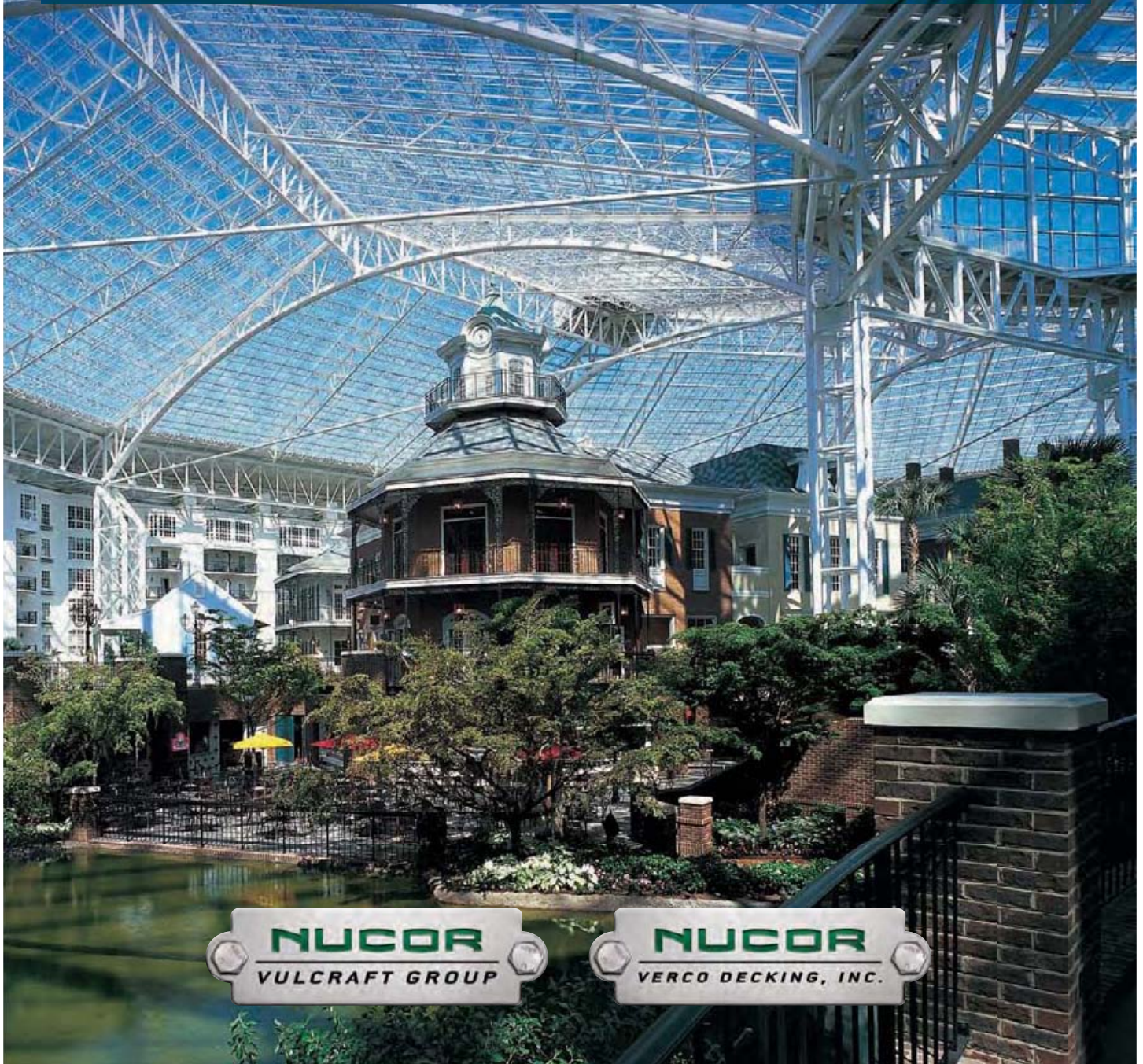
STEEL DECKING

Supported by steel joists or beams forming the floors and roofs of structures.



LIGHTWEIGHT, BIG STRENGTH

THE VULCRAFT / VERCO GROUP IS THE NATION'S LARGEST PRODUCER AND LEADING INNOVATOR OF OPEN-WEB STEEL JOISTS, JOIST GIRDERS AND STEEL DECK, WHICH ARE USED PRIMARILY FOR NONRESIDENTIAL BUILDING CONSTRUCTION. OUR STEEL JOISTS AND GIRDERS ARE PRODUCED AND MARKETED THROUGH SEVEN VULCRAFT FACILITIES THAT OBTAIN THE MAJORITY OF THEIR STEEL FROM NUCOR BAR MILLS. WE ALSO OFFER A COMPLETE RANGE OF STEEL ROOF AND FLOOR DECK VIA NINE STRATEGICALLY LOCATED VULCRAFT AND VERCO MANUFACTURING FACILITIES. THE DECK IS ACCURATELY ROLL FORMED IN VARYING CONFIGURATIONS ON THE MOST MODERN HIGH-SPEED ROLL-FORMING EQUIPMENT AVAILABLE.





Steel roof and floor decks have long been recognized for their economy because of their light weight and high strength-to-weight ratio. They provide a durable and attractive roof or floor system for fast, all-weather construction. Steel decks also provide excellent lateral diaphragm action, thus reducing the necessity for structural bracing, and their incombustible nature assures architects, engineers and owners of excellent fire ratings.

FINISHES & GRADES

At Vulcraft/Verco we offer a selection of three finishes: prime-painted, galvanized and black (uncoated). For a prime-painted finish, prior to applying a baked-on medium gray or off-white primer, the cold rolled sheet is chemically cleaned and pretreated. For a galvanized finish, our galvanized decks are supplied from mill-coated sheets conforming to ASTM-A653-94, Structural Steel, and Federal Spec. QQ-S-775.

CAPACITY

We manufacture joists in lengths from 4 feet to 240 feet. And we make steel deck sheet in lengths of 3 feet to a maximum of 45 feet. Our current production capacity of joists is 715,000 tons per year, and 530,000 tons of steel deck per year.

EVERY SINGLE JOB IS UNIQUE

The Vulcraft/Verco Group will guide and assist you in the specification of our products. We are staffed with numerous engineers and detailers nationwide to provide technical expertise concerning the use of joists and deck. As the projects come available to bid, we have coverage in every market to provide estimating services so our steel fabricator customers can focus on their products and leave the joists and deck to the experts. Because everything we manufacture is custom to a specific project, Vulcraft/Verco Detailers provide layout drawings with all of the details necessary to ensure every single piece fits properly when we deliver it to the job site.

Since we are Nucor, nearly all of the angles used in our joists and the sheet steel used in our decking products come from our own bar and sheet mills. Over 99% of our joist products and 70% of our deck products come from recycled steel. LEED® credits are easily obtained due to our recycled content and our numerous manufacturing facilities throughout the U.S.

QUALITY

In the manufacturing of steel joists and deck, there can be no compromise on quality. Your business depends on it. Our reputation and success depend on it. As the largest manufacturer of steel joists and deck in the United States, a lot of buildings and people depend on the Vulcraft/Verco Group for consistently high standards of quality that are demonstrated in reliable performance.

When manufacturing steel joists and joist girders, we believe that welding to exact specifications is the key to making structurally sound joists — and the most critical step in the entire process. This being the case, all Vulcraft welders are qualified to American Welding Society standards and joists supplied to Canadian markets are welded per Canadian Welding Bureau standards. All welds are in accordance with the Steel Joist Institute's welding criteria, and all Vulcraft joists are manufactured to meet the design loads provided by the specifying professional.

To further ensure the precision and quality of every weld, every Vulcraft quality assurance inspector is also certified to these same high standards. Furthermore, our quality assurance supervisors report directly to the Engineering Manager. We also employ an ongoing program of mechanical testing that includes full-scale load tests at every facility. Our reputation depends on successfully managed quality control programs. That's why quality is important at Vulcraft/Verco Group. You have our word on it.

PRODUCT APPLICATIONS

The majority of steel joists, joist girders and steel decking are used extensively as part of the roof and floor support systems in manufacturing buildings, retail stores, shopping centers, warehouses, schools, churches, and hospitals and, to a lesser extent, in multistory buildings and apartments.

Steel joists and joist girder sales are obtained by competitive bidding. The Vulcraft/Verco Group quotes on a significant percentage of the domestic buildings using steel joists and joist girders as part of the support systems. In 2008, we supplied more than 40% of total domestic sales of steel joists. Steel deck sales are also obtained by competitive bidding. The majority of steel deck is used to support roofs and as concrete floor support in high-rise buildings. In 2008, we supplied more than 40% of total domestic sales of steel deck.





BUILDINGS GROUP



SUMMARY

LOCATIONS

www.nucor.com

NUCOR BUILDING SYSTEMS

INDIANA

305 Industrial Parkway
Waterloo, IN 46793
Phone: 260-837-7891
Fax: 260-837-7384

SOUTH CAROLINA

200 Whetstone Road
Swansea, SC 29160
Phone: 803-568-2100
Fax: 803-568-2121

TEXAS

600 Apache Trail
Terrell, TX 75160
Phone: 972-524-5407
Fax: 972-524-5417

UTAH

1050 North Watery Lane
Brigham City, UT 84302
Phone: 435-919-3100
Fax: 435-919-3101

AMERICAN BUILDINGS

ATLANTIC REGION

501 Golden Eagle Drive
LaCrosse, VA 23950
Phone: 434-757-2220
Fax: 434-757-1892

MIDWEST REGION

2101 East Main
El Paso, IL 61738
Phone: 309-527-5420
Fax: 309-527-5325

SOUTH REGION

1150 State Docks Road
Eufaula, AL 36027
Phone: 334-687-2032
Fax: 334-687-0926

WEST REGION

2401 Conestoga Drive
Carson City, NV 89706
Phone: 775-887-2900
Fax: 775-882-1751

CBC STEEL BUILDINGS

1700 East Louise Avenue
Lathrop, CA 95330
Phone: 209-983-0910
Fax: 209-858-2354

GULF STATES MANUFACTURERS

101 Airport Road
Starkville, MS 39759
Phone: 662-323-8021
Fax: 662-324-2984

KIRBY BUILDING SYSTEMS

124 Kirby Drive
Portland, TN 37148
Phone: 615-325-4165
Fax: 615-323-1205

PRODUCTS *across all groups*

- Primary Frames
- Endwalls
- Intermediate Wind Columns
- Wind Bracing
- Purlins
- Girts
- Roof Panels
- Wall Panels
- Trim
- Accessories



A **NUCOR** COMPANY

FASTER, EASIER CONSTRUCTION

WITH ELEVEN FULL-SERVICE FACILITIES STRATEGICALLY LOCATED THROUGHOUT THE UNITED STATES, NUCOR BUILDINGS GROUP IS ONE OF NORTH AMERICA'S LARGEST MANUFACTURERS OF METAL BUILDING SYSTEMS, WITH AN APPROXIMATE ANNUAL CAPACITY OF 500,000 TONS. NBG GOES TO MARKET VIA FIVE INDEPENDENT BUILDING BRANDS: AMERICAN BUILDINGS COMPANY, CBC STEEL BUILDINGS, GULF STATES MANUFACTURERS, KIRBY BUILDING SYSTEMS AND NUCOR BUILDING SYSTEMS. WHILE THERE IS ONGOING BESTMARKING BETWEEN NUCOR'S BRANDS, EACH BRAND HAS ITS OWN MARKET NICHES, NETWORK OF AUTHORIZED BUILDERS AND SALES TEAM.



Photography by Jessie Stotwell of Deutsch Architecture Group

BUILDINGS GROUP

OUR STORY

GROUP OVERVIEW



At each Nucor Buildings Group (NBG) location, Nucor employees use highly sophisticated technology to custom quote, design, engineer, detail, manufacture and ship complete, one-of-a-kind building systems to locations all over the world using Nucor Steel whenever possible. These world-class systems can be ordered in an infinite number of shapes and sizes, and are composed of groups of interacting, interdependent building parts. Each part of the system is designed to support and be supported by the other parts to resist location-specific design loads and protect the occupant's process from the elements. These building systems can be designed for cranes, mezzanines, conveyors, rack systems, and drop ceilings, and can accommodate many other internal conditions as well as virtually any type of external wall or roof system.

In addition to metal building systems, NBG also manufactures high-quality building components, including “cee” and “zee” members, as well as trim and panels for a multitude of applications. Some NBG brands also manufacture competitively priced, custom-designed self-storage structures.

PRODUCTION PROCESS

At NBG, the production process starts at the quote stage. Our goal is always to maximize value. While each job is different, most are produced from standard inventories. Our estimating software will optimize the use of this inventory to come up with the lowest in-place building cost. In some cases, heavier materials are quoted if they lower the cost of the building, the foundations, or the cost of building erection.

After a job is quoted and an NBG building brand is awarded the project, that team begins the process of engineering and detailing the building. All NBG projects are engineered and detailed in-house by full-time Nucor employees. Our engineering and detailing departments are consistently ranked as the most efficient in the industry. Our licensed professional engineers utilize highly specialized software to design buildings that take advantage of our manufacturing expertise while meeting the code and load combinations specified in the order document. Detailers then take over and use sophisticated AutoCAD technology to ensure that all the building components will fit together correctly.

Once the engineering and detailing processes are complete and the customer has confirmed that he is almost ready for delivery, we fabricate the order. Like all Nucor facilities, the safety culture dominates all aspects of the production process. Production employees are responsible for making I-Beams by welding together the webs and flanges with hot band, plate and bar. They also roll-form purlins, girts, wall panels and trim, including gutters and downspouts, from hot band material. Almost all of our steel comes from Nucor Steel. All NBG facilities are capable of producing a complete building package, American-made, with single-source quality and accountability.

PRODUCT APPLICATIONS

NBG produces buildings for virtually any low-rise, nonresidential application, including new construction or additions to existing buildings. For example, one NBG building contains one of three remaining Saturn V rockets, and others are used as backyard workshops. Some are used by Nucor Steel. And others are used by companies who process and warehouse Nucor Steel or use it in their manufacturing process. People all over North America worship in NBG buildings, are serviced by fire trucks that are housed in NBG buildings, drop off their children to attend school in an NBG building, eat and shop in NBG buildings, and the list goes on. Because every building is unique, applications are endless. Here is a list of applications where NBG buildings are commonly found to be the best solution:

- Aviation/Aircraft Hangars
- Warehousing/Storage
- Manufacturing
- Retail
- Agricultural
- Military
- Automotive (dealerships/repair)
- Athletic/Recreational
- Correctional
- Recycling
- Alternative Energy Production
- Office Space
- Community
- Religious
- Transportation
- Distribution
- Self-Storage

KEY MARKETS/DISTRIBUTION

Nucor Buildings Group strives to form relationships and earn a preferred status with repeat buyers. NBG products are sold primarily through a growing network of Authorized Builders in the United States and Canada, and NBG has earned solid relationships with thousands of Authorized Builders. Most of our Authorized Builders are local, design-build, turnkey contractors who package our products with other products and value-added services, such as insulation, building erection, HVAC, concrete, electrical and plumbing. Relationships with our Authorized Builders are managed by each brand's team of District Sales Managers. Our Authorized Builders benefit from hands-on relationships with their District Sales Manager, participation in co-op advertising programs, Internet job tracking, custom-tailored pricing software, and many more valuable tools, which can vary by brand.

While our primary customers are Authorized Builders, NBG also pursues relationships in a few other areas. Our Preferred Partner program rolls out the red carpet to customers and suppliers of Nucor Steel when they need a building, and is our only sales program that operates at the group level rather than at the brand level. Our National Account teams pursue relationships with companies that have an ongoing need for new buildings as they expand over a broad geography. When we receive a lead from a Preferred Partner or a National Account, we can help these companies with many aspects of their construction process, such as partnering them with an experienced Authorized Builder in the area where they're planning to build. Our Private Label teams pursue relationships with companies who aggressively market to building buyers across a broad geography, but want their company name and logo to appear on the building package and paperwork instead of ours. Our self-storage and light-gauge teams pursue specialized contractors and developers who provide these types of structures. As each brand seeks to increase market penetration, they will continue to investigate and target various markets where building decisions are made and/or influenced.

SIZE CAPABILITIES

The shapes and sizes of NBG's buildings are as different as the people who occupy them. From 500-square-foot backyard buildings to 2,000,000-square-foot distribution centers, NBG can offer competitively priced buildings that are delivered on time and fit together in the field, with unbeatable service and solutions that work.

BUILDINGS GROUP

OUR STORY

AMERICAN BUILDINGS COMPANY



AMERICAN BUILDINGS

A **NUCOR** COMPANY

BUILDING TOMORROW

Since 1947, American Buildings Company (ABC) has pioneered the design, manufacture, and delivery of metal buildings and roofing systems that have set the industry standard. With one of the widest array of product offerings, from a simple storage structure to complex multistory buildings, ABC manufactures thousands of custom buildings annually. Primary framing, secondary framing, wall panels, roof panels and trim are all designed and manufactured to custom lengths, widths and weights depending upon the requirements of a particular building. Design and “build-to order” is probably the best description of what we do. With four production facilities, ABC is well positioned to serve the entire U.S. and Canada markets. ABC also has a division called Architectural Metal Systems (AMS), which manufactures metal standing seam roof systems for new and retrofit construction markets and traditional metal roof panel and wall panel systems for remodeling applications throughout North America. AMS is well qualified and experienced at designing, detailing and manufacturing roofing systems for the educational and military markets.



CBC STEEL BUILDINGS



A **NUCOR** COMPANY

CUSTOM SOLUTIONS

Since 1984, CBC Steel Buildings has been manufacturing custom metal building solutions from our office and manufacturing plant in Central California. Our location allows us to service the western United States including Alaska and Hawaii, as well as many overseas markets. CBC specializes in complex building projects, and we are recognized for our flexibility, schedule performance, and commitment to assuring continuity in our projects. CBC encourages its customers to be involved in the design-build process, giving them direct communication with the individual working on their project. The process results in the elimination of errors, faster response times to your needs, and the delivery of a high-quality metal building that is quick and efficient. When it comes to custom-engineered metal building systems, CBC Steel Buildings is able to meet the requirements for virtually any project with the most cost-effective approach.



GULF STATES MANUFACTURERS



WHERE QUALITY AND TEAMWORK ARE OUR WAY OF LIFE

Gulf States Manufacturers is a supplier of custom steel packages used in building construction. Based in Starkville, MS, Gulf States began producing projects in 1968 and to date has supplied over 42,000 buildings to all 50 states and over 30 foreign countries. Our facility covers over 246,000 square feet of manufacturing area and over 40,000 square feet of office space. Gulf States can supply custom steel building packages for projects as little as a 10-foot span and 100 square feet to a 300-foot span and 1,000,000 square feet; from as little as 10 feet tall to as high as 100 feet tall; with bay spaces as big as 60 feet and cranes as big as 100 tons. Our Web-based Connect-3 pricing system allows our Builder Network to price and order projects from their offices, and our design software allows us to create the entire building as a system rather than designing each component of the building on its own. With our unparalleled design and detailing industry experience, we can handle both large and small detail-intensive projects.

KIRBY BUILDING SYSTEMS



SECOND TO NONE

For over 50 years, Kirby Building Systems has been a leading manufacturer of custom-engineered, high-quality metal building systems for aviation, commercial, industrial, institutional, recreational and most other specialty metal building applications. Not only can Kirby design simple buildings, but our niche in the marketplace is to provide customized solutions for complex projects that may not appear to be pre-engineered at first glance. The Kirby focus on quality and service results in building systems with solid advantages, including fast-response design, Web-based estimating software, more detailed drawings, fewer pieces to erect, and complete buildings delivered on time, resulting in faster completion schedules. Kirby has a tremendous network of Authorized Builders located throughout the eastern United States. Kirby specializes in custom-engineered construction solutions, encompassing multiple building components, framing options, extended bay options, special exteriors, four standing seam roof systems, Kirby-Cool paint finishes and industry-leading warranty protection programs.

NUCOR BUILDING SYSTEMS



THE BRAND OF CHOICE

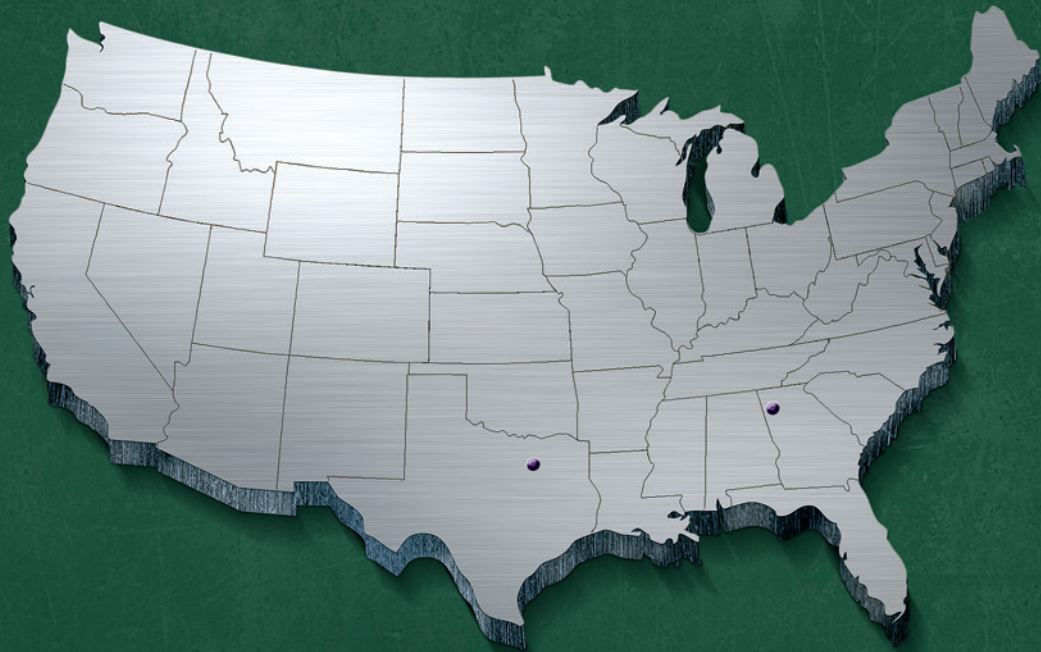
Nucor Building Systems (NBS) is the Brand of Choice for many of America's leading design-build contractors. Our position as an industry leader is the result of a highly skilled workforce comprised of dedicated employees executing our F.O.C.U.S. statement on every job:

Fit On-time delivery Competitive prices Unbeatable service Solutions that work

With four plants located across America and a national network of highly qualified contractors, NBS is perfectly positioned to service the national construction market effectively and efficiently. NBS employs a highly knowledgeable and technically skilled sales force to assist our customers in getting it done "Right from the Start." NBS design capabilities can accommodate most any floor plan a business may require, and our buildings system combines a broad selection of aesthetic exterior options with structural stability and building functionality. NBS is consistently ranked as one of the most efficient producers in the industry. To top it off, NBS is Red, White, Blue, and Green, providing American-made buildings that are as eco-friendly and green as it gets with recycled content, recyclability, and LEED-qualifying capabilities that are some of the best in the industry.

NUCONSTEEL

A NUCOR COMPANY



NUCONSTEEL

SUMMARY

LOCATIONS

www.nucor.com

DENTON, TEXAS

Corporate Headquarters
525 South Locust
Denton, Texas 76201
Phone: 940-891-3050
Fax: 940-891-3090

2361 N. Masch Branch Road
Denton, Texas 76207
Phone: 940-891-1014
Fax: 940-891-1015

DALLAS, GEORGIA

127 International Pkwy, Ste 104
Dallas, Georgia 30132
Phone: 678-363-4200
Fax: 678-363-4210

PRODUCTS Nuconsteel produces structural load-bearing cold-formed steel products.

COLD-FORMED STEEL WALL SYSTEMS

(load-bearing and non-load-bearing)

- NUPANEL® panelized wall systems
- NUFRAME® panelized wall systems

COLD-FORMED STEEL FLOOR SYSTEMS

- NUTRUSS® floor systems
- NUTRUSS 2.0® floor systems
- NUTRUSS 3.0® floor systems
- NUJOIST® floor systems
- Ecospan Composite Floor System by Vulcraft
- Composite steel deck floor systems using Vulcraft 2" and 3" VLI deck or a dovetail deck

COLD-FORMED STEEL ROOF SYSTEMS

- NUTRUSS® roof systems
- NUTRUSS 2.0® roof systems
- NUTRUSS 3.0® roof systems

OTHER PRODUCTS

- Structural steel beams and columns
- Braced and moment frames
- Exterior sheathing and vapor barriers
- SSMA wall stud, track and joist component parts

As part of the above systems either Vulcraft or Verco floor and roof decks may be used

CAPABILITIES

	PRODUCTS	AUTOMATED ROLL-FORMING SYSTEMS
NUCONSTEEL DENTON	NUTRUSS NUTRUSS 2.0 NUTRUSS 3.0 NUFRAME NUPANEL	NUTRUSS 2.0 620 roll former produces 2" profile NUTRUSS 3.0 630 roll former produces 3" profile NUFRAME 735 and 755 systems produce 3½" and 5½" sections 800 roll former combo system produces 3½", 5½", and 6" sections
NUCONSTEEL DALLAS	NUTRUSS NUPANEL NUTRUSS 2.0 NUFRAME	NUTRUSS 2.0 620 roll former produces 2" profile NUFRAME 735 and 755 systems produce 3½" and 5½" sections

NUSOLUTIONS®

NUCONSTEEL IS A DESIGNER AND MANUFACTURER OF COLD-FORMED STEEL FRAMING SOLUTIONS FOR THE COMMERCIAL AND RESIDENTIAL CONSTRUCTION MARKETS. OUR PRIMARY PRODUCTS INCLUDE PRE-FABRICATED ROOF TRUSSES, FLOOR TRUSSES, WALL PANELS, AND FLOOR JOISTS, AS WELL AS A VARIETY OF RELATED STRUCTURAL SYSTEMS AND PRODUCTS. NUCONSTEEL ALSO DEVELOPS, SELLS, AND LICENSES PROPRIETARY CONSTRUCTION PRODUCTS, ROLL-FORMING EQUIPMENT, AND ENGINEERING AND DESIGN SOFTWARE FOR COLD-FORMED STEEL FRAMING. TODAY, NUCONSTEEL'S FABRICATION NETWORK INCLUDES MORE THAN 50 INDEPENDENT COMPANIES USING NUCONSTEEL'S PRODUCTS AND SOFTWARE ACROSS NORTH AMERICA. OUR DESIGN-BUILD TEAM PROVIDES FULL FRAMING SOLUTIONS FROM STRUCTURAL ENGINEERING THROUGH FRAMING ERECTION FOR BUILDING PROJECTS UP TO NINE STORIES IN HEIGHT.



OUR STORY

IF IT CAN BE DONE IN COLD-FORMED STEEL, NUCONSTEEL HAS DONE IT.

At Nuconsteel our primary focus is on supplying load-bearing cold-formed steel products on mid-rise construction projects. Our typical sales focus is on hotel, assisted living, dormitory and multi-family markets.

FABRICATED PRODUCTS GROUP

The process begins with an invitation to bid on a project that is design complete and specifies Nuconsteel products. If the Nuconsteel bid is successful, then we proceed to the design phase, at which point detailed engineering and installation documents will be produced. Once our design is complete, the project then moves to fabrication.

Nuconsteel framing systems have been used as all or part of the primary framing in more than 1,000 assisted living centers, schools, hotels, office buildings, apartments, churches, and in virtually every other commercial building segment. Nuconsteel's track record is unmatched in the industry.

A DESIGN-BUILD PARTNERSHIP

Nuconsteel Design-Build provides either Engineer of Record (EOR) or Specialty Engineering services, integrating design, material supply, fabrication (panelization), and installation from project conception through completion of the building shell. The results: lower project cost, reduced construction schedule and improved ROI. On each project, our design incorporates products manufactured by Nuconsteel and Nucor along with other strategic partners.

Design-build services start at the project conceptual stage with schematic design drawings and follow with engineering design services, project value engineering, material fabrication and installation of all structural framing necessary for completion of the building shell. Material fabrication is completed using wall panelization and truss fabrication in a quality-controlled Nuconsteel manufacturing facility. Installation is provided by authorized installation companies experienced with cold-formed steel erection.



PRODUCT APPLICATIONS

Nuconsteel provides mid-rise steel framing solutions up to nine stories for a variety of construction market segments:

Hospitality/Resorts
Senior/Assisted Living
University/Military Housing
Mixed-Use/Urban Infill
Condominiums
Multi-family Housing

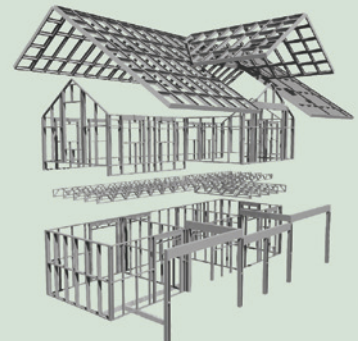
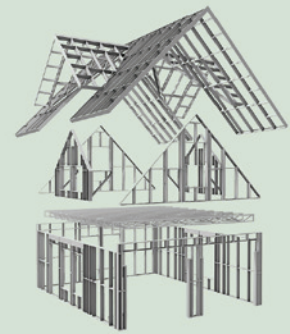
AUTOMATED FRAMING SYSTEMS (AFS)

Nuconsteel also offers the most advanced and innovative automated framing systems available, for both truss and panel applications. The wall and truss systems consist of the components needed to produce high-quality, cost-effective panels — walls, ceilings, roofs, or floors — for the residential and light commercial market. Our AFS combines a roll-forming machine and decoiler, integrated design and engineering software, extensive training and documentation with high-quality slit steel coils into one simple-to-operate, easy-to-maintain, powerful system. This system requires no measuring, cutting, or layout and produces perfect panels or trusses every time. We consider our system a “Circle of Support,” and all of it is designed to get you in operational mode quickly and efficiently.

Our end-use customer ranges from large general contractors and small custom home builders to the metal building industry. These products span from single-story homes to four-story hospitality and multi-family buildings.

BUILDING WITH STEEL

- Dimensionally stable
- Highest strength-to-weight ratio of any building material
- Mold-resistant
- Termite-proof
- Noncombustible
- Contains up to 70% recycled content







SUMMARY

LOCATION

www.nucor.com

NUCOR STEEL MARION, INC.

HIGHWAY PRODUCTS

912 Cheney Avenue

Marion, Ohio 43301

Phone: 800-333-4011

Fax: 740-383-6429

PRODUCTS



RIB-BAK® U-CHANNEL

The heart of Nucor Steel Marion highway products



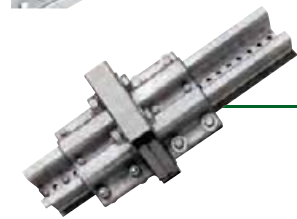
LAP-SPLICE™

The RIB-BAK® breakaway system made easy



SLIP-SAFE™

The breakaway system for high-impact areas



SLIP-SAFE SUPREME™

360° breakaway system for mid-size sign supports



BEND-BAK™

Bendable low-carbon steel permanent delineators



NU-CABLE™

3- and 4-cable highway barrier systems



NU-GUARD™

W-beam guard-rail systems

FINISHES

POWDER-SHELL™ powder coating in green, black, yellow, white, orange and brown.

Hot-dipped galvanizing (ASTM A123).

SIZE / CAPACITY

Available in multiple sizes with load capacity ranging from 2 lbs./ft. to 5 lbs./ft.

STANDARDS

FHWA-Accepted



WHO CARES ABOUT POSTS?

ANYONE WHO CARES ABOUT SAVING LIVES AND MONEY.

NUCOR STEEL MARION, INC. IS A STEEL MINI MILL THAT MANUFACTURES A FULL LINE OF SPECIALTY STEEL PRODUCTS IN SHAPES NEEDED FOR THE HIGHWAY, CONSTRUCTION AND AGRICULTURAL INDUSTRIES. WE SPECIALIZE IN REBAR, BREAKAWAY U-CHANNEL, SMALL AND MID-RANGE SIGNPOSTS, DELINEATORS AND CABLE BARRIER SYSTEMS. MANY OF OUR BRAND NAMES — NU-CABLE™, NU-GUARD™, RIB-BAK® , LAP-SPLICE™, BEND-BAK™, SLIP-SAFE™ AND SLIP-SAFE SUPREME™ — ARE WELL KNOWN IN THESE INDUSTRIES. WE'RE THE LARGEST REINFORCING BAR MANUFACTURER IN THE STATE OF OHIO — AND NUCOR IS THE COUNTRY'S LARGEST REBAR MANUFACTURER. IN THE HIGHWAY MARKET, NOBODY MAKES MORE SMALL SIGN SUPPORTS FOR MORE AMERICAN ROADWAYS.





Our breakaway U-channel systems for small and mid-sized signs exceed crash impact standards by over 200%. They utilize new billet steel that has 25% greater yield strength than our competition, and costs up to 50% less than other steel sign supports. And we offer low- and high-tension cable barrier systems that provide a unique combination of effective protection, visual appeal and economy in both median and guardrail applications. Finally, our support posts anchor the framework of a wide variety of fruit-growing operations in the agricultural industry.

HISTORY OF INNOVATION

We were on the leading edge of the roadside safety effort when we pioneered breakaway small sign supports. Next we broke new ground with an innovative 360° breakaway system for small and medium-sized sign supports. We eliminated the problems associated with paint by going to a powder-coating system, which we offered at the same cost as paint.

Then we expanded our markets by engineering our posts (and special hardware) so they would be the cost-effective nucleus of cable barrier and guardrail systems. We have even designed our U-channels for agricultural use in orchards, vineyards and shade structures.

CAPACITY

Nucor Steel Marion ships approximately 2,000 tons of finished steel products every day. The plant can accommodate both truck and rail shipments and is located in close proximity to 60% of steel consumption in the United States.

DISRIBUTION

We sell primarily through 35 authorized distributors across the U.S. Some of these distributors concentrate on the signpost market, or horizontal safety barrier market, and a select few service both market segments.

HIGHWAY PRODUCTS — SAVING MONEY, SAVING LIVES

Safety is smart business. Start with products designed to make our highways safer, plus give customers a way to save money at the same time. These are the guiding principles behind everything we do. We started with our patented RIB-BAK U-Channel signpost. Its stronger design has the added safety of 25% more yield strength than competitive signposts. And the cost savings of supporting larger signs with smaller posts. Not to mention they traditionally cost significantly less to purchase than other steel signposts, such as square tube. RIB-BAK initially became the integral part of our full line of breakaway U-channel systems for small and mid-sized signs that exceed allowable crash impact standards by over 200%.

Then we expanded with RIB-BAK as the heart of our NU-CABLE barrier system that offers a unique combination of TL-3 and TL-4 crash test-proven protection, and a 50% to 75% savings over traditional W-beam and concrete barriers. Finally, we introduced our NU-GUARD U-Channel post guardrail systems that meet revised NCHRP 350 (MASH) criteria, while cutting installation time in half and lowering the overall guardrail material costs. Doing the right thing becomes a habit. And it's wonderfully contagious, especially when it starts with doing the safe thing for your customers and saving them money.



RIB-BAK® THE BACKBONE OF OUR HIGHWAY PRODUCTS

Made of tough new billet steel, RIB-BAK is the strongest U-channel post available, especially in the crucial load-bearing points, with over 25% greater yield strength than our competitor's rail steel. Its RIB-BAK design withstands higher wind loads and saves money by supporting a lot more sign per post. Its contact points are flush surfaces, providing solid, more permanent sign attachment. And installation typically takes just minutes, with posts easily driven in with conventional tools.

POWDER COATING AT THE PRICE OF PAINT

Only Nucor Steel Marion gives you the superior rust-resistant protection, durability and appearance of powder coating—at the price of paint. Called POWDER-SHELL™, it's available for all sizes of RIB-BAK in green, black, yellow, white, orange and brown (other colors by request). For the ultimate protection against the elements, RIB-BAK posts are also available in hot-dipped galvanized (ASTM A-123).

CRASH TESTED AND APPROVED

RIB-BAK U-Channel signposts and breakaway systems are accepted by the Federal Highway Administration (FHWA) for small sign support applications, and also meet the NCHRP 350 criteria for occupant impact velocity.

NU-CABLE™ BARRIER SYSTEMS

NU-CABLE Barrier Systems offer a unique combination of TL-3 and TL-4 crash test-proven protection, while costing 50 to 75% less than traditional W-beam and concrete barriers. They are more economical to install, maintain and repair. That's saving lives for less.

System features:

- Available in either 3-cable (TL-3) or 4-cable (TL-3 and TL-4) designs.
- FHWA accepted.
- Both systems utilize strong yet economical 4 lb. or 5 lb. Nucor Steel Marion RIB-BAK U-Channel steel posts, galvanized or powder-coated for long life.
- Can be installed in median and roadside configurations.
- Cables attached to posts with a unique system of locking hook bolts, cable hangers and clips that absorb energy during crashes.
- Anchored at both ends into FHWA-accepted end treatments.
- Easy to maintain and repair. Cables are stretched and tightened on site.
- Deflections can be customized to meet site needs.
- An attractive alternative to traditional W-beam and concrete barriers.
- Doesn't block driver visibility.

HIGHWAY & AGRICULTURAL

OUR STORY

NU-GUARD™ GUARDRAIL SYSTEMS

NU-GUARD™ Strong Post Guardrail Systems are available for use with (NU-GUARD-27) or without (NU-GUARD-31) offset blocks. Both are crash test-proven and offer a design that makes installation and repairs simple, fast and inexpensive.

Systems features:

- Crash-tested and NCHRP-350 compliant.
- FHWA accepted for new installations or for section replacement or repair.
- RIB-BAK 5 lbs./ft. U-Channel post is much easier and faster to install than wood or I-beam posts.
- Use in either median or roadside configurations.
- One of the best “ride downs” in the industry.
- Post galvanized for corrosion resistance.

AGRICULTURE — END POSTS AND INTERIOR SUPPORTS FOR ORCHARDS, VINEYARDS AND SHADE STRUCTURES

Our RIB-BAK U-Channel posts provide greater strength (80,000 PSI minimum yield) at load-bearing points than other posts, which is why they have found favor in the agricultural industry. Our high-tensile strength (120,000 PSI minimum) allows more weight to be distributed per post, requiring fewer supports per acre.

The posts are easily installed. Using a conventional power post driver, they can be driven in place in approximately 30-40 seconds even in the harshest soil conditions — less than one-fourth the time required for a comparable pine post. No drilling or backfilling necessary.

RIB-BAK posts are much stronger than wood, and will not rot or carry disease. In addition to economy, another benefit of U-channel posts are the holes running the length of the posts, which allow side pieces of U-channel or other steel components to be bolted to the support posts.



RAW MATERIALS



Offices in Hong Kong and Switzerland not shown.

- ★ CORPORATE HQ
- PROCESSING SITES
- SELF-SERVICE AUTO PARTS
- DISTRICT OFFICES
- SCRAP SERVICES
- RAIL EQUIPMENT



**ADVANTAGE
METALS**
RECYCLING

**METAL
RECYCLING**
SERVICES

**RIVER
METALS**
RECYCLING

**TRADEMARK
METALS**
RECYCLING

**TEXAS
PORT**
RECYCLING

U-PULL-&-PAY
SELF-SERVE
USED AUTO PARTS

**WESTERN
METALS**
RECYCLING

SUMMARY

LOCATION

www.nucor.com

CORPORATE OFFICE

The David J. Joseph Company

300 Pike Street

Cincinnati, Ohio 45202

Phone: 513-419-6200

Fax: 513-419-6224

SEGMENTS

Since 1885, DJJ has built its reputation on innovation, integrity, quality and reliability. Based on these cornerstones, DJJ is now one of the world's largest scrap metal brokers and processors.

	REGIONS	PROCESSING	
SCRAP PROCESSING	Advantage Metals Recycling: MO, KS Metal Recycling Services: NC River Metals Recycling: KY, OH, IL, IN Texas Port Recycling: TX Trademark Metals Recycling: FL Western Metals Recycling: CO, UT, NV, NM	Ferrous	Shredding, baling, shearing, sorting and barge cutting.
		Nonferrous	Wire reclaiming, briquetting, shearing, sorting alloys, custom packaging and fulfillment of converting and tolling arrangements.
FERROUS BROKERAGE	<ul style="list-style-type: none"> One of the largest scrap brokers in the United States Extensive trading in international markets 		
METALS GROUP	Aluminum, copper, brass, nickel, and stainless products trading		
RAIL EQUIPMENT GROUP	Acquires, leases and sells a variety of new and used railcars		
FERRO-ALLOY GROUP	<ul style="list-style-type: none"> Complete line of ferro-alloys and specialty pig iron grades Serving the steel and foundry industries worldwide 		
U-PULL-&-PAY (UPAP)	Operates self-serve used auto parts stores		

VALUE-ADDED SERVICES

In addition to supplying scrap and scrap substitutes and operating processing facilities, DJJ also provides a comprehensive suite of complementary service solutions for the scrap, steel, and transportation industries. These solutions are in concert with our strategy of identifying our customers' needs and then providing value-added services to help meet those requirements:

RAIL SERVICES	Railcar dismantling and parts reclamation.
MILL SERVICES	Blending, inspection and loading and railcar switching.
INDUSTRIAL SERVICES	Processing, arranging transportation and marketing scrap generated by industrial companies of all sizes.
PRIVATE RAILCAR FLEET	Managing a fleet of open-top gondola cars to help deliver DJJ-traded commodities.

RAW MATERIALS

THE PURCHASE OF THE DAVID J. JOSEPH COMPANY IN 2008 WAS THE LARGEST ACQUISITION IN NUCOR'S HISTORY. WITH THE DJJ AND SUBSEQUENT ACQUISITIONS, NUCOR'S ANNUAL SCRAP PROCESSING CAPACITY HAS GROWN TO ALMOST 5,000,000 TONS. BUT DJJ IS NOT JUST A SCRAP TRADING AND PROCESSING COMPANY; WE ARE ALSO METAL RECYCLERS, TRANSPORTATION SPECIALISTS AND INTERNATIONAL MARKETERS OF SCRAP AND SUBSTITUTES. DJJ IS A FULL-SERVICE SUPPLIER OF VALUE-ADDED METALLIC RAW MATERIAL SOURCING STRATEGIES.



ONE OF THE WORLD'S LARGEST SCRAP METAL BROKERS AND PROCESSORS

**FERROUS BROKERAGE**

DJJ is one of the largest scrap brokers in the United States and trades extensively in international markets as well. Our sophisticated communication network gives traders access to scrap availability, up-to-the-minute price quotes and our transportation database of over 80,000 active freight rates.

We operate 11 domestic offices and two international (Hong Kong and Switzerland) ferrous brokerage offices staffed with over 35 full-time traders, who are the vital link between the producers and the consumers of scrap and scrap substitutes. We know who is buying and selling what kinds of scrap where, when, and for how much. The most successful and progressive scrap consumers rely on DJJ to supply metallic raw materials for their operations.

We continuously develop new supplies of scrap and scrap substitutes for our customers — from the smallest foundries to the largest steel producers — and are the leader in developing offshore metallic sources for U.S. markets. Cargo shipments of metallic raw materials have been made from the U.S. East Coast, U.S. West Coast, Canada, South America, Western Europe, X-CIS countries, Asia and Australia.

We routinely deal with a growing network of suppliers including small, family-owned scrap processors and large, worldwide industrial corporations. Our industrial customer list includes all of the large automobile manufacturers, suppliers of components to the auto industry, manufacturers of appliances, agricultural equipment, electric motors and switchgear, and many other Fortune 500® industrial companies.

FERRO-ALLOY GROUP

The DJJ Ferro-Alloy Group markets over 30 different ferro-alloy products and specialty pig iron grades. We effectively partner with producers and traders worldwide to supply steel and foundry markets across the globe. We strategically position our material in global warehouse facilities to capitalize on the volatility of dynamic market trends.



SCRAP PROCESSING

DJJ comprises a network of nearly 60 scrap processing facilities in the United States. We are organized into six regional companies:

- Advantage Metals Recycling: Missouri, Kansas
- Metal Recycling Services: North Carolina
- River Metals Recycling: Kentucky, Ohio, Illinois, Indiana
- Texas Port Recycling: Texas
- Trademark Metals Recycling: Florida
- Western Metals Recycling: Colorado, Utah, Nevada, New Mexico

These full-service metals recyclers buy, sell, and process automobiles, aluminum, copper, steel and cast iron, stainless steel, high-temperature alloys, sheet iron, appliances, industrial discards and other grades of ferrous and nonferrous metals. Fifteen of these plants focus on automobile shredding, utilizing a combination of time-tested and innovative new processes to extract the maximum value from ferrous and nonferrous scrap metal. Always environmentally sensitive, our processing plants exceed today's tough environmental standards.

We also assist the public and private sectors with ecologically sound, economically productive recycling of metals recovered from municipal solid waste. In addition to shredding, our ferrous processing capabilities include baling, shearing, and sorting ferrous and nonferrous metals. Our nonferrous capabilities include wire reclaiming, briquetting, shearing, accurately sorting alloys, custom packaging, and the fulfillment of converting and tolling arrangements. Our processing reputation is built on time-tested alliances and business relationships.

U-PULL-&-PAY

U-Pull-&-Pay (UPAP) operates seven self-service used auto parts stores. UPAP retail stores contain thousands of salvage vehicles purchased from a variety of sources, including towing companies, insurance carriers, auto auctions, charitable organizations and the general public. Do-it-yourself customers, car repair enthusiasts and auto mechanics bring their own tools to remove used, but functional auto parts from the store's vehicles. After customers remove many car parts, the harvested hulks are crushed and moved to DJJ's shredders.

METALS GROUP

We provide solutions to the nonferrous metals industry through our Metals Group, for which our 125-year heritage of financial strength, dependability, and reliability is the cornerstone. The Metals Group, headquartered in Cincinnati, Ohio, and with an office in Hong Kong, is staffed with traders who handle aluminum, copper, brass, nickel, and stainless products. The Metals Group serves as the nonferrous marketing arm of DJJ's Processing Group and its network of nearly 60 yards. Our traders are in regular contact with producers and consumers of metals around the world. We provide global coverage in concert with our parent company, Nucor.

Our aluminum transactions include all aluminum scrap grades, primary alloys, secondary aluminum alloys, RSI toll conversion, heavy media, drosses, industrial scrap, class scrap, and deox conversion.

Our growing network of suppliers includes small family-owned scrap processing yards as well as large global industrial companies. Our metals scrap customers include common alloy sheet mills, can sheet mills, extruders, steel mills and plate mills that consume aluminum, copper, brass and nickel scrap, cathode and dross. Using our trading expertise, we buy and sell scrap around the globe.

RAIL EQUIPMENT GROUP

The Rail Equipment Group at The David J. Joseph Company acquires, sells, and leases a variety of new and used transportation assets. We are owners of one of the largest private railcar fleets in North America, providing our customers with custom short- and long-term lease packages.

More than a century of entrepreneurial success provides The David J. Joseph Company with unmatched expertise and capabilities. Transportation has been a key part of our business since 1885. As owners and users of transportation equipment, we have a deep understanding of equipment and the technological and financial drivers of the business.



INTERNATIONAL



● NUCOR TRADING

NUCOR —
TRADING —

STEEL TRADING

NUCOR TRADING IS THE TRADING ARM OF NUCOR CORPORATION. WE ARE ACTIVE AROUND THE WORLD IN FERROUS PRODUCTS SUCH AS FINISHED AND SEMI-FINISHED STEEL. NUCOR TRADING MARKETS, SELLS, AND PROVIDES GLOBAL CUSTOMERS NUCOR PRODUCTS AND SOLUTIONS. THE PEOPLE OF NUCOR TRADING HAVE EXPERTISE PROVIDING FOR COMMODITY TRADING NEEDS, HIGHER VALUE PRODUCTS, AND SPECIFIC PROJECT REQUIREMENTS. WE PRIDE OURSELVES IN OUR FLEXIBILITY AND ABILITY TO RESPOND QUICKLY TO CUSTOMER NEEDS. NUCOR TRADING ALSO MANAGES KEY RISK PROVIDING STEEL PRODUCTS DELIVERED TO MARKETS GLOBALLY.



LOCATIONS

NUCOR TRADING SA & NOVOLOGISTICS SÀRL

Avenue Rousseau 7
CH-2000 Neuchâtel
Switzerland
Phone: +41-32-723-8090
Fax: +41-32-710-0488

NUCOR TRADING, UK & IRELAND

Avenue Rousseau 7
CH-2000 Neuchâtel
Switzerland
PHONE: +44 (0) 178-278-8999
FAX: +44 (0) 178-278-4705

NUCOR TRADING USA, INC Trading

333 Comstock Avenue
Los Angeles, CA USA 90024
Phone: 310-475-4447
Fax: 310-475-6368

Trading, Nucor Mill Export Services, Referrals, Projects

2000 Corporate Drive, Suite 400
Wexford, PA 15090
Phone: 724-625-2553
Fax: 724-935-7837

NUCOR TRADING CANADA, INC

1150-1350 Sherbrooke St W
Montréal, Québec H3G 1J1
Canada
Phone: 514-845-1164
Fax: 514-845-5287

NUCOR TRADING MIDDLE EAST, DMCC

Suite 1003 Indigo Icon
Jumeirah Lakes Tower
PO Box 487470
Dubai, United Arab Emirates
Phone: +971 4-447-0470
Fax: +971 4-447-0503

NUCOR TRADING CHINA

Nucor Trading SA (Hong Kong)
18th Floor, Sang Woo Building
No. 227-228
Gloucester Road Wanchai
Hong Kong SAR
Phone: +852-2838-7991
Fax: +852-2838-0211
Cell: +852-9172-3260



WE KNOW STEEL

INTERNATIONAL SOURCING

Complementing these capabilities, Nucor Trading has key relationships with major steel producers and third party processors. Our vast geographical presence and experience ensures we can react quickly to changing markets and assure our customers' requirements are met when and where they need it.

EXPORT COVERAGE & PRODUCTS

- **Regions:** Canada, Europe, Middle East & Africa, Asia, South America
- **Products:** All Flat, Long, and Semi Finished Steel Products
- **Sectors:** Trading, Supply Programs, Projects
- **Customers:** Distribution, Downstream Processors, Convertors, Fabricators, Manufacturers

TRANSPORTATION & LOGISTICS

Moving steel from supplier to customer is a major service component of what we do. We take ownership, manage documentation, finance the operation and then arrange a total logistics package.

Nucor Trading charters ocean vessels and works closely with ports, stevedores and land

transportation companies. We have logistics professionals around the world overseeing loading and offloading of vessels and all aspects of the logistics flow. Our goal is to ensure that the steel we buy moves seamlessly to its destination — whether individual container lots or large vessel shipments.

MULTICURRENCY FINANCING

Nucor Trading has been working with its Swiss banking partners for over 20 years. This longstanding commitment coupled with a successful track record gives us great flexibility and access to funds when we need to react quickly in an ever-changing market.

STRIVING FOR PERFECTION

Our objective is to strive for perfection in everything we do. Matching customer needs with our producer capabilities, and then carefully executing logistics and documentation, we expect our steel to arrive on time, in good condition and within the stringent requirements set forth by suppliers, customers and banks. We are all about minimizing risk and exceeding customer expectations with world-class product quality, value, safety, and service.

