



PRODUCT GUIDE

COLD FINISH

NUCOR®

LOCATIONS

NUCOR COLD FINISH NEBRASKA

2301 W. Omaha Avenue
Norfolk, NE 68701
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: 435-734-9334

NUCOR COLD FINISH WISCONSIN

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

LAUREL STEEL

5400 Harvester Road
Burlington, ON, Canada L7L 5N5
Phone: 800-265-6811
Fax: 905-634-7888

NUCOR COLD FINISH LMP

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

NUCOR BRIGHT BAR OHIO

555 Collins Boulevard
Orrville, OH 44667
Phone: 330-682-5555
Fax: 330-682-5560

ST. LOUIS COLD DRAWN

1060 Pershall Road
St. Louis, MO 63137
Phone: 800-421-9320
Fax: 314-867-4304

NUCOR COLD FINISH MONTERREY

Carretera Apodaca Santa Rosa
#502
Monterrey, Mexico
Phone: 011-52-818-385-2727
Fax: 011-52-818-385-2771

COLD FINISH PRODUCTS BY LOCATION

SIZE RANGE		NCF-NE	NCF-SC	NCF-UT	NCF-WI	LAUREL STEEL	NCF LMP	NUCOR BRIGHT BAR OHIO	ST. LOUIS COLD DRAWN	NCF MONTERREY
ROUNDS	1/8"	●		●		●				
	3/16"	●		●		●	●			
	1/4" – 5/16"	●	●	●		●	●		●	●
	5/16" – 1"	●	●	●		●	●		●	●
	1" – 3"	●	●	●	●	●	●		●	Max 2-1/2"
	3" – 3-1/2"	●	●	●	●		●			
	3-1/2" – 4"		●	●	●		●			
4" – 6-1/2"				●						
SQUARES	5/32" – 7/16"		●	●		●				
	7/16" – 1/2"		●	●		●				
	1/2" – 3/4"	●	●	●		●			●	●
	3/4" – 2"	●	●	●	●	●	●	●	●	●
	2" – 2-1/2"		●	●	●			●		Max 2"
	2-1/2" – 3"		●	●	●			●		
	3" – 5"			●	●					
HEXAGONS	5/32" – 5/16"	●	●	●		●			●	
	5/16" – 7/16"	●	●	●		●			●	
	7/16" – 1/2"	●	●	●		●	●		●	
	1/2" – 3/4"	●	●	●		●	●		●	●
	3/4" – 1-1/2"	●	●	●	●	●	●		max 1-3/8"	●
	1-1/2" – 2"	●	●	●	●	●	●			●
	2" – 2-1/2"		●		●	●	●			Max 2.47"
	2-1/2" – 4"		●		●					
T&P/TGP BARS	1/2" – 5/8" DG&P	●		●						
	5/8" – 3/4" DG&P			●						
	3/4" – 1" TG&P	●								●
	1" – 2-3/4" TG&P	●	●				●			Max 2.5"
	2-3/4" – 3-1/2" TG&P	●	●				●			
	3-1/2" – 4" TG&P		●							

Nucor Cold Finish Utah has centerless grinding – size 1" max. Nucor Cold Finish Nebraska offers TGP and T&P in Q&T 4140 grade.

FLATS	THICKNESS	3/8" - 1-1/4"	3/8" - 4"	1/4" - 3"	3/8" - 4"			1/2" - 2.5"		
	WIDTH	1-1/4" - 4-1/2"	1" - 6"	1" - 6"	1" - 8"			1" - 6"		

OTHER CAPABILITIES	NCF-NE	NCF-SC	NCF-UT	NCF-WI	LAUREL STEEL	NCF LMP	NUCOR BRIGHT BAR OHIO	ST. LOUIS COLD DRAWN	NCF MONTERREY
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	●			●					

Nucor Cold Finish Group also provides Quench and Temper, Annealing, Off-Line Encircling Coil Testing, and HR Machine Straightening.

GRADES & SIZES

ROUNDS	
GRADES	SIZE/RANGES
1018, 1045, 1117, 1215, 8620, 1141/44, NuCut1215, 4140 annealed, 11L17, 11L41	1/8" – 6"
12L14	1/4" – 6"
86L20, 41L40	5/16" – 6"
1137	3/16" – 6"
1144SR NU-STANDARD™ stress relieved to ASTM A-311 B	3/16" – 3"
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, 11L17, 1215, 4140	1-1/4" – 4" thickness
	1" – 8" width
	available in one- or two-ton bundles

SQUARES	
GRADES	SIZE/RANGES
1018, 1117	7/16" – 5"
1045, 4140, 1215, 12L14	1/2" – 4"
1117	3/4" – 5" Inquire 1/2" to under 3/4"
NuCut1215	1/2" – 2 1/16"
	available in one- or two-ton bundles

HEXAGONS	
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"

ADDITIONAL VALUE-ADDED PROCESSES AND SERVICES AVAILABLE UPON REQUEST:

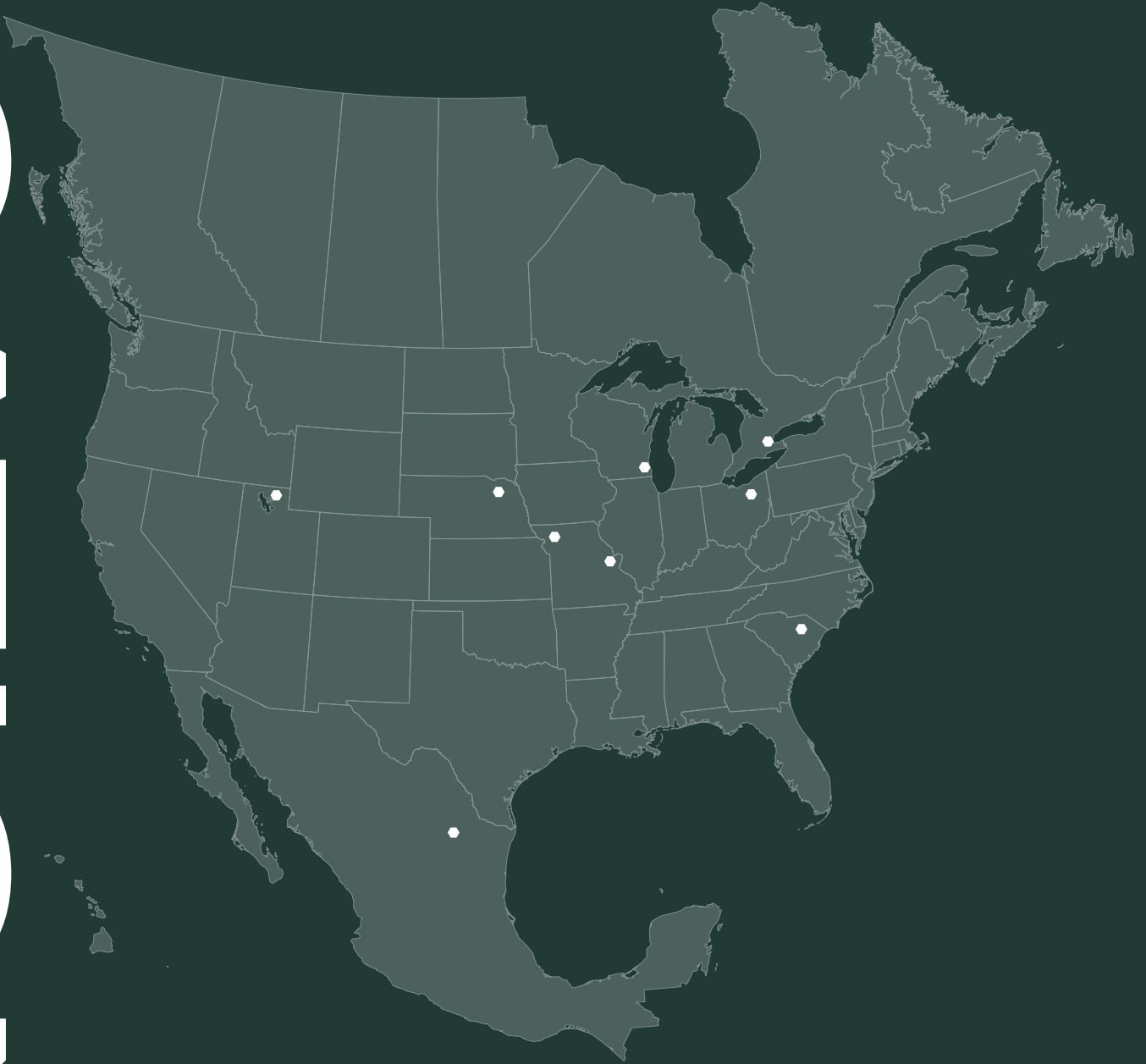
- Quench and Temper ASTM A193 and A434
- Rounds are available in 24' lengths in 1-3/16" – 2-7/16" diameters
- Stretch wrapping
- Paper wrapping
- Chamfered ends
- Saw-cut ends
- Grinding is available in a size range of 1/4" – 3-1/2"
- Cold drawing for Turned and Polished/Turn Ground and Polished bars
- Bearing-quality grades

Please inquire about shapes, sizes and grades not listed. Additional charges or minimum quantities may apply.



LOCATIONS

COLD
FINISH



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