

**NUCOR®**  
COLD FINISH GROUP



# COLD FINISH

## SUMMARY

# NUCOR®

## COLD FINISH GROUP

## LOCATIONS

www.nucor.com

### NUCOR COLD FINISH NEBRASKA

2301 W. Omaha Avenue  
Norfolk, NE 68701  
Phone: 800-228-8107  
Fax: 402-644-8559

### NUCOR COLD FINISH UTAH

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

### LAUREL STEEL

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

### 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 SOUTH CAROLINA

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

### 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

### ACEROS TREFILADOS DE PRECISION

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

## PRODUCTS BY LOCATION

SIZE RANGE		NCF-NE	NCF-SC	NCF-UT	NCF-WI	LAUREL STEEL	NUCOR-LMP	BRIGHT BAR OHIO	ST. LOUIS COLD DRAWN	ATP MEXICO
ROUNDS	1/8"	-	-	-	-	●	-	-	-	-
	3/16"	●	-	●	-	●	●	-	-	-
	1/4" – 5/16"	●	●	●	-	●	●	-	●	●
	5/16" – 1"	●	●	●	-	●	●	-	●	●
	1" – 3"	●	●	●	●	●	●	-	●	●
	3" – 3-1/2"	●	●	●	●	-	●	-	-	-
	3-1/2" – 4"	-	●	●	●	-	-	-	-	-
SQUARES	4" – 6-1/2"	-	-	-	●	-	-	-	-	-
	5/32" – 7/16"	-	-	-	-	●	-	-	-	-
	7/16" – 1/2"	-	●	●	-	●	-	-	-	-
	1/2" – 3/4"	●	●	●	-	●	-	-	●	●
	3/4" – 2"	●	●	●	●	●	●	●	●	●
	2" – 2-1/2"	-	●	●	●	●	-	●	-	●
	2-1/2" – 3"	-	●	●	●	-	-	●	-	-
HEXES	3" – 5"	-	-	●	●	-	-	-	-	-
	5/32" – 5/16"	-	-	-	-	●	-	-	-	-
	5/16" – 7/16"	●	●	●	-	●	-	-	-	-
	7/16" – 1/2"	●	●	●	-	●	●	-	-	-
	1/2" – 3/4"	●	●	●	-	●	●	-	●	●
	3/4" – 1-1/2"	●	●	●	●	●	●	-	●	●
	1-1/2" – 2"	●	●	●	●	●	●	-	●	●
T&P/TGP BARS	2" – 2-1/2"	-	●	-	●	●	●	-	-	●
	2-1/2" – 4"	-	●	-	●	-	-	-	-	-
	1/2" – 5/8" DG&P	-	-	●	-	-	●	-	-	-
	5/8" – 3/4" DG&P	●	-	●	-	-	●	-	-	-
	3/4" – 1" TG&P	●	-	-	-	-	-	-	-	●
	1" – 2-3/4" TG&P	●	●	-	-	-	●	-	-	●
	2-3/4" – 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	THICKNESS	3/8" – 1-1/4"	3/8" – 4"	1/4" – 3"	3/8" – 4"	-	-	3/8" – 4"	-	-
	WIDTH	1-1/4" – 4-1/2"	1" – 6"	1" – 6"	1" – 8"	-	-	1-1/4" – 6"	-	-

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

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



# COLD FINISH

## SUMMARY

## GRADES & SIZES

### 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" – 3"
A36	1/4" – 4"

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

### TURNED & POLISHED

1018, 1045, 1144, 8620, 4140	3/4" – 4"
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may be subject to mill minimums

### TURNED, GROUND & POLISHED

1018, 1045, 1144, 8620, 4140	3/4" – 4"
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may be subject to mill minimums

### PUMP SHAFT QUALITY SHAFTING

1045	1" – 2-11/16"
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rough ground to cold finish size tolerance

### FLATS

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"

available in one- or two-ton bundles

### HEXES

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

## ADDITIONAL VALUE-ADDED PROCESSES AND SERVICES ARE AVAILABLE UPON REQUEST:

- Quench and Temper  
ASTM A193 and A434
- Chamfered ends
- Rounds are available in 24'  
lengths in 1-3/16" – 2-7/16"  
diameters.
- Saw-cut ends
- Stretch wrapping
- Grinding is available in a  
size range of 1/4" – 3-1/2"
- Paper wrapping
- 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.*

**NUCOR<sup>®</sup>**  
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