

COLD FINISH



SUMMARY

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"	-	●	●	●	-	-	-	-	-
4" - 6-1/2"	-	-	-	●	-	-	-	-	-	
SQUARES	5/32" - 7/16"	-	-	-	-	●	-	-	-	-
	7/16" - 1/2"	-	●	●	-	●	-	-	-	-
	1/2" - 3/4"	●	●	●	-	●	-	-	●	●
	3/4" - 2"	●	●	●	●	●	●	●	●	●
	2" - 2-1/2"	-	●	●	●	●	-	●	-	●
	2-1/2" - 3"	-	●	●	●	-	-	●	-	-
3" - 5"	-	-	●	●	-	-	-	-	-	
HEXES	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"	●	●	●	●	●	●	-	●	●
	2" - 2-1/2"	-	●	●	●	●	●	-	-	●
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	●	●	-	-	-	●	-	-	●
	2-3/4" - 3-1/2" TG&P	●	●	-	-	-	●	-	-	-
	3-1/2" - 4" TG&P	●	●	-	-	-	-	-	-	-
<i>Utah has centerless grinding — size 1" max. Norfolk offers TGP and T&P in Q&T 4140 grade.</i>										
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.

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COLD FINISH GROUP

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