



HOT ROLLED STEEL BARS

Leading the Way in Hot Rolled Steel Bars

It all began back in 1886 and continues today with the dedication and skill that helps us lead the market in hot rolled bar and coil steel.

As the premier manufacturer of hot rolled bars, we set and maintain the industry standard, bringing you the sizes, shapes and top-quality product that you rely on to get the job done.

We pride ourselves on being your industry partner and meeting all of your needs for hot rolled bars with the exacting tolerances, special finishes, thermal treatments, and elevated qualities that out-perform the competition.

Republic Steel manufactures cut-length rounds in 1" to 6-1/2" sizes, round-cornered squares in sizes 3-7/8" to 8-1/2", and hexagons in 7/8" to 2-1/2".

Partner with the industry's best and let us help you with all of your hot rolled bar steel needs.

Contact your Republic Steel sales rep today.

800.433.1242 www.RepublicSteel.com



HOT ROLLED STEEL BARS

CAPABILITIES BY LOCATION

Melt Facilities	Canton, OH
Rounds	Lackawanna, NY
	Lorain, OH
Hexagons	Lackawanna, NY
Semi-Finished & Round-Cornered Squares	Canton, OH

MELT FACILITIES

Electric Furnace
Ladle Refining
Vacuum Degassing
Bloom and Billet Casting

ROLLING

Billet Rolling Mill	Canton, OH
9"/10" Mill	Lorain, OH (Small Bar Mill)
13" Mill	Lackawanna, NY (Intermediate Bar Mill)
20" Mill	Lorain, OH (Large Bar Mill)

QUALITIES

Aircraft to AMS 2301 & 2304 | Axle Shaft | Bearing to ASTM A 534 & A 295 | Boron | Cold-Working/Extrusion/Heading | Gun | IMP® for Improved Machinability | Lead, Bismuth, Selenium | LINE-FREE® to Eliminate Linear Imperfections | Microalloy | Shell | ISO / TS-16949

VALUE-ADDED FEATURES

Boron | IMP® for Improved Machinability | Lead | Vacuum Degas | Microalloy | In-depth mill metallurgical and field technical assistance

CUT-LENGTH BARS

 Rounds	1.000" to 6.500"
 Round-Cornered Squares	3.875" to 8.500"
 Hexagons	0.875" to 2.500"

THERMAL TREATMENT

Anneal | Normalize | Quench & Temper, Normalize & Temper | Stress Relieve Anneal | Spheroidize Anneal | Lamellar Pearlitic Anneal

FINISHING

Cut Lengths to 40'
Machine Straightening
Surface & Ultrasonic Inspection
Short Cut Mults
(Further processing available through our Cold Finish Division or qualified processors.)

STEEL MAKING HISTORY



Canton
2633 Eighth Street NE
Canton, Ohio 44704-2311

Lorain
1807 East 28th Street
Lorain, Ohio 44055-1883

Lackawanna
3049 Lakeshore Road
Blasdell, NY 14219

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