



HOT ROLLED STEEL COILS

Steel Number One in Hot Rolled Coils

It all began more than 100 years ago and continues today with the precision skill that helps us lead the market in hot rolled steel coils.

As the premier manufacturer of **hot rolled steel coils**, 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 coil steel with the exacting tolerances, special finishes, thermal treatments, and elevated qualities that out perform the competition.

Hot rolled coil steel melt facilities are operated at our Canton and Lorain facilities with various products being rolled in Lorain and Lackawanna.

Republic manufactures coils in rounds sizes 19/64" to 1-3/4" and hexagons in sizes 7/8" to 1-11/16".

The company offers hot rolled coil steel in a variety of special finishes, grades and qualities, and performs various thermal treatments and other value-added processes to the product.

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

Contact your Republic Steel sales rep today.

800.433.1242 www.RepublicSteel.com



HOT ROLLED STEEL COILS

COILS

Rounds	0.297" to 1.750"
Hexagons	0.875" to 1.688"

(Please inquire about sizes outside this range.)



COIL COATING

Clean & Coated Rod – Sulfuric Acid Pickling followed by one of the following coatings:

Lime

Borax

Zinc Phosphate with Polymer

Zinc Phosphate and Reactive Lube

COIL THERMAL TREATMENT

Anneal, Lamellar Pearlitic Anneal, Spheroidize Anneal

COIL WEIGHTS

Up to 6,000 lbs.

DRAWN WIRE

Coils size 0.080" to 2.000"

WIRE PROCESSES

DD Wire (Direct Drawn Wire)

Clean & Coat » Draw

DFAR (Drawn from Annealed Rod)

Clean & Coat » Spheroidize Anneal » Clean & Coat » Draw

SAFS (Spheroidize Annealed at Final Size)

Clean & Coat » Draw » Spheroidize Anneal » Clean & Coat

SAIP (Spheroidize Annealed in Process)

Clean & Coat » Draw » Spheroidize Anneal » Clean & Coat » Draw

DA/SAFS (Double Anneal SAFS)

Clean & Coat » Spheroidize Anneal » Clean & Coat » Draw » Spheroidize Anneal » Clean & Coat

DA/SAIP (Double Anneal SAIP)

Clean & Coat » Spheroidize Anneal » Clean & Coat » Draw » Spheroidize Anneal » Clean & Coat » Draw

COLD HEADING WIRE

Republic continues to be an industry leader in providing Cold Heading Quality Wire for the most demanding customer requirements. A major contributing factor in Republic's ability to provide this consistent quality is our control over melting and billet production. Standard CHQ grades along with tailor-made chemistries are controlled and repeated during our manufacturing to ensure consistency in your process.

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

Solon

31000 Solon Road
Solon, OH 44139

800.433.1242

www.RepublicSteel.com



Republicsteel™