



RioTinto

Finding better ways™ to provide
the materials the world needs

Rio Tinto Steel Billets

RioTinto | Sorelsteel®



Steel Billets from Sorelsteel®

At Rio Tinto, we manufacture steel billets to support rolling mills in need of additional melt capacity in the long steel and tubular steel markets.

Sorelsteel® low-residual billets are made with our proprietary, integrated process using ilmenite ore. Our ore contains both iron and titanium, and is mined in Havre Saint-Pierre, Quebec, Canada—the world's largest massive rock ilmenite deposit and QMM Madagascar. We melt the ore and convert molten iron into Sorelsteel® at our state-of-the-art metallurgical complex in Sorel-Tracy, Quebec.

As your committed, long-term partner, we offer you decades of technical expertise and knowledge as well as the significant resources and infrastructure of Rio Tinto's global logistics footprint.

Steel billets to meet your specific needs

Our steel billets meet a wide variety of aluminum and silicon killed carbon steel chemistries, including but not limited to:

- Low and medium carbon: 1005 – 1045, 1005B
- High carbon: 1050 – 1087, 1080V
- Welding: ER70S-3, ER70S-6
- Automotive: 10B21, 4037, 9254
- Seamless pipe: P110

We cast in various square and round cross-sections:

- 130mm square
- 160mm square
- 215mm round
- Please inquire about others

Steel billets from Sorelsteel are produced to meet the highest quality standards. In addition to other customization, we can cut to length to meet your specifications.

Please inquire with your Rio Tinto Sales Manager for specific product requests.

About Rio Tinto and our operations

Rio Tinto is one of the world's leading metals and mining companies with a global workforce of more than 50,000 and an extensive portfolio of operating assets spanning across Australia, Asia, North and South America, Europe, and Africa.

We mine ore to produce iron, aluminium, copper, molybdenum, gold, silver, tellurium, selenium, scandium, and industrial diamonds and minerals. Many of our materials are essential for the low-carbon transition, and for advancing human progress.

As a part of Rio Tinto, Rio Tinto Iron and Titanium (RTIT) has production facilities in Sorel-Tracy, Canada; Richard's Bay, South Africa; and Madagascar.

Sustainability

At Rio Tinto, sustainability is more than a catch phrase. Aligning our business strategy and daily practices around sustainability enables us to strengthen our operations and products, build enduring communities, and provide lasting benefit to customers, employees, and stakeholders.

Our RTIT operations in Quebec are run entirely on renewable hydropower, and we are actively pursuing additional sustainability initiatives. We developed ilmenite smelting in Sorel-Tracy, Quebec in the 1950s and through a joint agreement with the Canadian Government, we are investing \$537 million (C\$737 million) into reducing emissions at our RTIT operations by up to 70%. Early in 2023, RTIT started our BlueSmelting™ demonstration plant in Sorel-Tracy.

The BlueSmelting™ project involves an ilmenite reduction technology that could produce 95% less greenhouse gas emissions (GHG) than the current process. This innovative technology was developed by scientists at Rio Tinto's Critical Minerals and Technology Centre in Sorel-Tracy. The demo plant can process up to 40,000 tonnes of ilmenite per year, making it the largest in the world based on this type of technology. This would enable us to produce titanium dioxide, steel, and metal powders with significantly lower carbon footprints. Furthermore, our iron products, including steel billets, are generated from the residual iron of our smelting process to produce titanium dioxide, without the need for any additional mining.

Safety

Safety is our number one priority at Rio Tinto. Our goal is for everyone to go home safe at the end of each day. We have global safety standards which address key areas of risks, and they provide consistency in safety management and performance across our global operations and projects. Our businesses are audited internally against these standards and are expected to meet safety performance requirements and targets.

Our commitment to safety has enabled us to achieve a safety performance which is higher than the industry average for all injury frequency rates.



Rio Tinto Steel Billets worldwide locations

- Production facility
- Commercial office



RTIT Quebec Operations

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Chicago

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