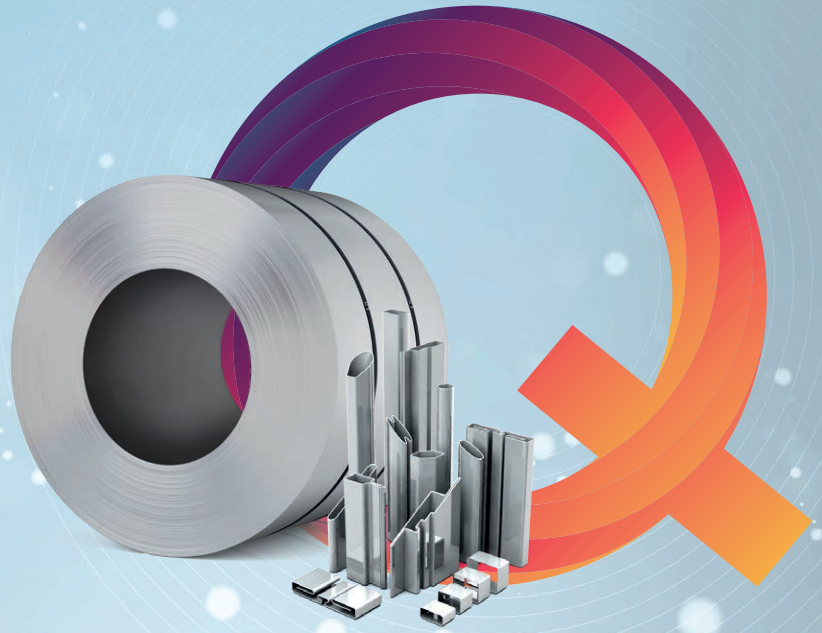


hot-rolled Q FOR THE TUBE AND SECTION INDUSTRY

Hot-rolled steel strip
Next Level










Hot-rolled steel strip

Fact sheet hot-rolled Q | 02/2024

hot-rolled Q – HOT ROLLED STEEL STRIP NEXT LEVEL

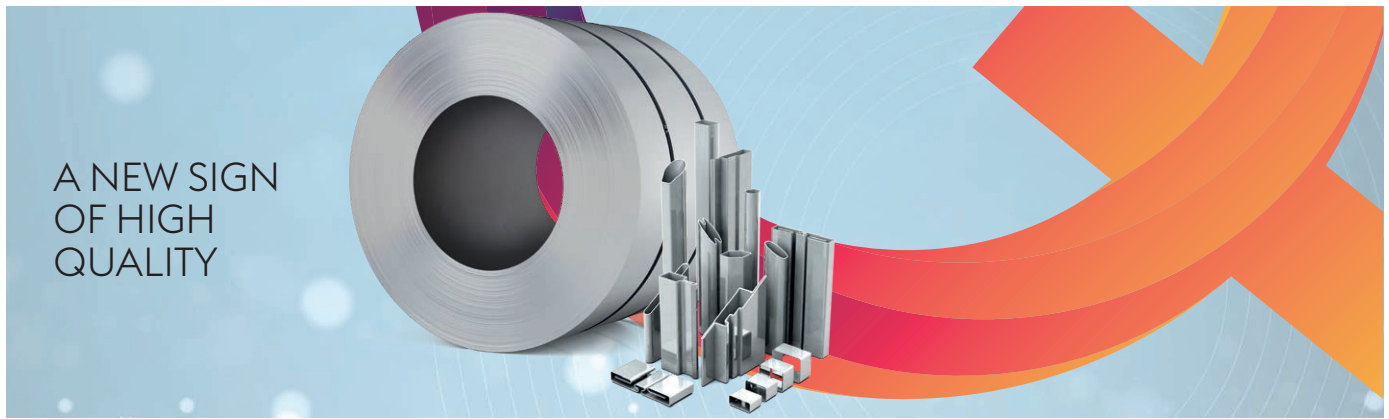
The quality of hot-rolled steel strip made by voestalpine is **convincing**. With hot-rolled Q, voestalpine offers quality properties at an even higher level. Thanks to advanced plant operation, hot-rolled steel strip can now be customized to an even greater extent and can be geared to specific quality requirements.

The high customizability of hot-rolled Q enables customers to achieve the best material properties for their applications. This puts you one step ahead, especially in the tube and profile industry. Q for best quality. Q for narrowest thickness tolerances. Q for the perfect profiled sections. These and many other properties can be highlighted by hot-rolled Q at a high level of precision.

-  Lowest thickness tolerance
-  Perfect section profile
-  Minimum sulfur content
-  Low grain boundary oxidation
-  Low decarbonization
-  High degree of spheroidization
-  Perfect surface



PREMIUM QUALITY
WITH REDUCED
CARBON FOOTPRINT



A NEW SIGN
OF HIGH
QUALITY

Q for lowest thickness tolerance

A high level of expertise is required when it comes to narrow thickness tolerances. A fact that more than pays off in many respects. Fewer rejects in production, fewer repairs to the equipment, while at the same time enjoying increased production reliability and a decreased number of production steps. Doesn't that sound tempting?

Q for a perfect section profile

A perfect profile enables the material to be processed without any problems in the long term. Higher production reliability and fewer rejects are the foundation for increased productivity that always pays off in the end.

Q for minimum sulfur content

Less is more. Lower sulfur content means better formability of the material and a perfect edge in the punching process. Greater hole expansion capacity allows for larger throughputs and narrower radii. The pipe industry in particular benefits enormously from improved welding in the radius area of sharp edges.

Q for low grain boundary oxidation

Narrowest radii and best deep-drawing properties with maximum resistance to cracking. Low grain boundary oxidation results in a reduced need for post-treatment and enormous savings in production.

Q for low decarbonization

Minimized decarbonization in the edge area results in optimized surface hardenability. This leads to higher production reliability, thus making production processes efficient and perfectly plannable.

Q for a high degree of spheroidization

The high degree of spheroidization makes it possible to achieve the best forming and punching properties. The result is the elimination of a time-consuming production step. The material is supplied in full compliance with customer specifications.

Q for a perfect surface

A perfect surface for each application increases the value and quality of each product. When the starting material features a perfect surface, the result is less scrap and reworking steps can be eliminated.



Premium quality with reduced carbon footprint

Hot-rolled steel strip – greentec steel Edition

Max. carbon footprint 1.95 kg CO₂e per kg of steel ¹⁾

¹⁾ per EN 15804+A2 (EPD methodology) cradle to gate

All products, dimensions and steel grades listed in each voestalpine supply range are available as greentec steel Edition.

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Are you interested in
learning more?

[www.voestalpine.com/
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voestalpine

ONE STEP AHEAD.