



Ovako is a leading European producer of engineering steel for customers in the bearing, transportation and manufacturing industries. Our production is based on recycled steel and includes steel in the form of bars, tubes, rings and pre-components. Ovako is represented in more than 30 countries and has sales offices in Europe, North America and Asia. Sales in 2013 amounted to EUR 850 million and the company had 2,995 employees. For further information please visit us at www.ovako.com

Dear business associate,

In this, my final update on the latest developments in our range of high-performance BQ-Steel® and IQ-Steel® for optimized fatigue strength, we take a look at some of the concrete results from more than a decade of tests.

I am pleased to tell you that further improvements in the purity and consistency of our engineering steels are continuing to open new design possibilities. New examples continue to emerge every day, including proven enhancements and possibilities for the cost-efficient design of next-generation gears, bearings, axles and other critical load-carrying metal components.

Now, for the first time, we've gathered data from thousands of tests, including objective blind tests against more expensive re-melted steels and other grades. Carried out over nearly a decade, the tests on our Bearing Quality Steel (BQ-Steel®) and Isotropic Quality Steel (IQ-Steel®) tell a clear story: **purity creates opportunity.**

This is why I am writing to tell you about our once-through air-melted clean Isotropic Quality Steel (IQ-Steel®), a cost-efficient engineering steel for high-performing mechanical parts. Thanks to a unique manufacturing process, IQ-Steel has very minute and finely dispersed inclusions meaning that it can handle high mechanical forces in all directions. This opens up new worlds of design freedom and possibilities for your business. Because in reality, it is the transversal fatigue strength that very often determines the design limitations for complex components under high loads. IQ-Steel allows you to overcome these limits with dramatically improved performance. Not only do IQ-Steel and BQ-Steel

improve your possible power density, but cleverly applied they can room for surrounding systems that require additional space.

But rather than getting into specifics, I would like to invite you to go to our microsite and register to find out more about how our IQ-Steel and BQ-Steel can help you.

www.ovako.com/rightsteel

There you'll find a three-part series of webinars on high-performance engineering steels. We'd also like to invite you to an exclusive viewing of a roundtable discussion among engineering industry experts – some of your peers – on the importance of steel performance in meeting stricter demands. This will be available on our website in October.

It is also my pleasure to include with this letter our latest brochure on our range of BQ-Steel and IQ-Steel. Here you'll find testimonials and examples designed to help you discover clever ways to improve your products and, ultimately, fulfill your end-users' demands on performance.

Best regards

Göran Nyström
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Head of Marketing and Technology

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