



Press Information

High wear resistance steel offering manufacturers greater design advantages

WR-Steel® by Ovako, a classification of steels with proven superior wear resistance, which combined with Ovako's broad product programme, offers customers a range of design advantages and heat treatment possibilities.

WR-Steel from Ovako is offered as hot-rolled round or flat bar, special profiles and tubes, or as grinding media. Its advantages cover a comprehensive range of hardness levels and hardness intervals (350 – 650 HV), dimensions and steels grades. Boron steel is a large part of the WR-Steel offering, but it also includes grinding media and other mining solutions offering superior hardness and consistent composition for optimized performance in demanding applications.

"Ovako created the first boron steels in the 1960s and WR-Steel confirms that we are still the market leaders today," said Göran Nyström, Head of Group Marketing and Technology at Ovako.

"We understand that, in the manufacturing stage, our customers need to be able to form, shape and weld the steel to fit their product production needs. This is exactly what WR-Steel facilitates along with subsequent quench and temper possibilities to realise the optimum wear resistance. It has greater resistance to abrasion for prolonging surface life and greater work efficiency. And of course, longer service life means fewer parts replacements and ultimately a cost-reduction."

WR-Steel utilizes optimized alloy content to allow different end product applications. Its use allows product manufacturers to reduce costs, save production time and gain wear resistance advantages.

Because Ovako controls the entire steel production process from initial melt to final rolled product Ovako can, for example, with precise rolling methods enable more exacting special profiles worked very close to near net shape. With these production capabilities, the WR-Steel brand offers special profiles, from single bevel and arrowhead to grouser bar used in manufacturing of ground engaging tools, ploughs and buckets, all of which can facilitate new manufacturing methods.

WR-Steel is one of the series of Ovako attribute brands, all of which are designed to offer manufacturing advantages.

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