



Press Information

‘Next generation’ Ovako steel grades offer manufacturers production advantages

The latest wear resistant WR-Steel[®] and next generation M-Steel[®] from Ovako were on show at MSV Brno Trade Fair and both offer manufacturers significant production advantages.

Increasingly components are expected to operate efficiently over longer periods of time and Ovako will demonstrate how its engineering steels can facilitate production advantages with time and cost savings along with improved safety and operational life.

Offering the broadest range of wear resistance steel Ovako WR-Steel[®] provides manufacturers with the ideal material, including Boron grades, to facilitate forming, shaping and welding, perfectly matching production requirements. Its use allows product manufacturers to reduce costs, save on production time and gain wear resistant advantages with its ease of subsequent quench and temper treatment.

The material has greater resistance to abrasion, including sliding wear, for prolonging surface life and greater work efficiency. With optimized alloy content to allow different end product applications the steel has an improved microstructure and special mechanical properties.

Next generation M-Steel[®] from Ovako, delivers improved metallurgy through modern, high-tech steel production technology that optimizes the materials to deliver up to a 30 per cent increase in cutting speeds and, in some cases, more than tripling the lifecycle of cutting tools.

Development of a new M-Steel 280, low carbon, micro alloyed steel 20MnV6 M, hollow bar makes it suitable for even more demanding applications by combining high strength with excellent machinability and weldability. Because the material is based on M-Steel technology it also facilitates higher cutting speeds and, conversely, superior tool life.

“Our material research and product development constantly looks at ways to help customers in the most cost effective use of our engineering steels in terms of providing a competitive edge,” explained Göran Nyström, Executive Vice President of Group Marketing and Technology at Ovako. “Not only does the new, M-Steel 280 hollow bar help reduce machining times it also means that customers can increase productivity without the need for capital investment.”

For more information visit: www.ovako.com

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