



Press release

Machining day proves a huge success with Sandvik customers

Designed to share the latest information and expert knowledge on the best and most economical methods of machining duplex and super-duplex material, Sandvik's recent machining day attracted more than 60 customers.

Held jointly by Sandvik Materials Technology and Sandvik Coromant at the company's Halesowen facility, it included presentations and machining demonstrations on how to achieve the best productivity.

Sandvik's Technical Marketing Manager for primary products, Marcus Hillbom, talked in detail about the material implications on cost effective machining of stainless steels and the main factors affecting machinability. This included a series of guidelines on material, set-up, fixing, insert choice and use of coolant in order to obtain the best chip break and subsequent tool life.

Delivering increased productivity and competitiveness was the subject of Sandvik Coromant Product & Application Manager Paul Williams's presentation. It showed how working in close partnership with customers and by sharing knowledge it was possible to generate value. He explained that by driving up productivity it could be possible

to deliver more machining in the same production time by increased throughput for the same fixed costs. He also discussed the basis of green light production, meaning actual machining times, and ways of increasing this by reducing cycle times.

There followed live machining demonstrations on turning and boring, drilling, milling and tapping and an introduction to the latest CAM programming techniques for small diameter solid carbide end mills for the production of deep pockets at high metal removal rates.

After the presentations, customers had the opportunity to tour the extensive material warehouse and view the comprehensive range of additional services offered by Sandvik Materials Technology, including cutting to size, packaging, colour coding, marking, stencilling, vibro-etching and electro etching, along with mill support operations, project management facilities and full material documentation for complete traceability.

Sandvik stainless steel bar and hollow bar for machining is stocked in a wide range of grades, including duplex and super-duplex stainless steels in Sanmac improved machining grades. Deliveries are consistent batch to batch, ensuring operational capability and performance standards are never compromised. Sandvik SAF 2507 super duplex is available in sizes from 20 mm to 250 mm. Delivered in random

lengths or cut to fixed length the solid and hollow bar is available peeled turned, polished or rough machined, fully certified to NORSOK M630 Ed 6.

“Customer reactions following the event were extremely positive and could not have been better,” said Andy Sharpe of Sandvik Materials Technology, “with comments such as: *‘Highly interesting and informative. Practices discussed on the day will be introduced with immediate effect.’*

‘I think we have all taken away a much better understanding of machining super duplex and as ever, will be looking into some work to improve our process.’

‘Top job, as always’.

“By popular demand, we will certainly be looking to hold a similar joint event next year,” added Andy Sharpe.

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