

Hone-All Precision makes use of Bowers technology

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Hone-All Precision has invested in long-reach bore gauges from Bowers Metrology UK to support its deep hole drilling capabilities, supporting accurate and more speedy manufacture.

Explaining the recent purchase, Hone-All Director Andrea Rodney said. "Although our previously used bore gauges remained serviceable, as part of our continuous improvement programme, we investigated the available systems that would improve the accuracy, repeatability and speed of use of our in-process and final inspection bore gauging routines. Having dismissed the alternatives for not matching our exacting specifications, following a successful demonstration, we were happy to buy Bowers' XT Xtreme Bore Gauges. Rather than supplying equipment that was a 'close-match' to Hone-All's requirements, Bowers were able to adapt and accessorise XT Xtreme Digital Bore Gauges, transforming them into the perfect Bore Gauging system for our particular needs.

"Not only were Bowers able to provide length extensions to allow us to very accurately measure 3 m down inside bores, as standard anvils had the potential to leave marks on precisely ground internal surfaces, the company also fitted each of our new measuring heads with specially ground spherical anvils.

"Now in regular use, for both on-machine measurement routines and within our inspection department, our XT Xtreme Bore Gauges allow us to achieve micron accuracy on the shopfloor. The new Bowers instruments are already making a significant contribution to the accuracy of our output, and through their speed of operation, helping to reducing our lead times."

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