

“It’s All About the Detail” at GB Precision

As an ISO9001 accredited company GB Precision is constantly looking for ways to improve quality across the range of its activities, which is why the company has invested in a Starrett HD400 profile projector with internal edge-detection.



Customers come to GB Precision because they know the company offers a truly quality-focused approach - in many cases that means it’s “all about the detail” and, in fact, it’s often “all about the edge”.

To take just a couple of recent examples of “difficult to measure” features, one component was recently specified with a very large blend radius between adjacent surfaces. Even though the blend radius was very large the surfaces were only slightly angled, resulting in a very small area of radius (less than 0.010mm”). Another included a partial ellipse cut out, where the radii of the ellipse were 2.5m in one direction and 11mm in the other. The Shadowgraph technology proved the ideal solution for checking such difficult dimensions.

As Director, Paul Turner explains; “Our customers are seeking ever more extreme geometry and stringent tolerances, and they are looking for perfect parts, every time. So our inspection system needs to be first class, with the ability to check critical dimensions rapidly and reliably, whether it's a batch of 2 or 200-off.”