Developments In BSI And ISO Machine Tool Accuracy Standards

Abstract
Over the past 10 years there has been a gradual change of emphasis in the way that BSI has produced machine tool accuracy standards. Prior to this time, over 90% of all these standards were produced at the national level. Today, all new standards are produced at international level and then harmonized into the BSI system. Unfortunately, this means that the original BSI standards series such as BS 3800 are rapidly disappearing and being replaced by the BS ISO 230 series. Even worse are the machine specific standards such as the BS 4656 series which are now being replaced by totally separate ISO related numbers such as BSISO 10791 (BS4656-30 machining centres) and BS ISO 2407 (BS 4656-8 grinding machines).

This paper describes the author’s personal interpretation on the current status of the relevant BSI and ISO standards on machine tool testing and reviews how, increase...
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