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Specification for

Tee slots, tee bolts, tee nuts and tenons

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Machine, Engineers and Hand Tools Standards Committee (MTE/-) to Technical Committee MTE/1 upon which the following bodies were represented:

- Advanced Manufacturing Technology Research Institute
- Cranfield Institute of Technology
- Department of Trade and Industry [Mechanical Engineering and Manufacturing Technology Division (Mmt)]
- Health and Safety Executive
- Institution of Production Engineers
- Ministry of Defence
- University of Aston in Birmingham

This British Standard, having been prepared under the direction of the Machine Engineers and Hand Tools Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 December 1987

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Foreword

This British Standard has been prepared under the direction of the Machine, Engineers and Hand Tools Standards Committee and implements agreements of the International Organization for Standardization (ISO). This edition supersedes BS 2485:1973, which is withdrawn. It has been prepared to take account of the revision of ISO 299 “*Tee slots for machine tools*” and the dimensions of the tee slots given are technically equivalent to those in ISO 299.

This standard varies from ISO 299 in the following respects.

Inch dimensions. In accordance with the UK policy of metrication, the inch dimensions given in ISO have not been included in this British Standard.

Tee slot pitches. ISO 299 states that if values of pitch greater or less than those given in Table 1 are essential, they should be chosen from the values of the R 10 series of preferred numbers and that if intermediate values are required they should be chosen from the values of the R 20 series. In the interests of rationalization, this standard does not permit these choices. However, in order to facilitate interchangeability of equipment throughout a given manufacturer's complete range, this standard provides for the choice of any pitch given in the standard (see clause 5) rather than restricting given pitches to given sizes of tee slots as in ISO 299.

Tee bolts. Full dimensions and material requirements are given whereas ISO 299 gives only the dimensions of the bolt head. In Table 3, dimension *E* has been retained from the 1973 edition of this standard as it is more appropriate. This standard gives dimensions for tee nuts and tenons.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.