



**BS 499 :Part 2 :1980**

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# **Welding terms and symbols**

## **Part 2. Specification for symbols for welding**

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Termes et symboles relatifs au soudage

Partie 2. Spécification des symboles relatifs au soudage

Begriffe und Symbole der Schweißtechnik

Teil 2. Spezifikation für Symbole der Schweißtechnik

**British Standards Institution**

## BS 499 : Part 2 : 1980

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## Foreword

The revision of this Part of BS 499 has been carried out under the direction of the Welding Standards Committee to take account of the requirements of ISO 2553:1974 published by the International Organization for Standardization (ISO). As a result the general content and presentation have been changed to align with ISO 2553.

The elementary symbols depict the form of the weld to be made regardless of the welding process to be employed, which was not always the case with the symbols in the previous edition of this standard. These symbols may be qualified by the use of supplementary symbols, dimensional details and complementary indications.

In the absence of a single method being agreed internationally, ISO 2553 provisionally recognizes that the position of the symbol relative to the reference line should depend on the method of drawing projection used in the particular

case. It was felt that this situation should not be carried over into this standard and therefore the practice of placing the symbol below the reference line for welds on the 'arrow side' remains unaltered in this revision, for both third and first angle projection. Because of the existence of two systems of positioning the symbol, however, it is strongly recommended that all drawings should clearly state which system has been employed.

In order to simplify drawings, it is recommended that requirements relating to the preparation and making of welds should be included on the welding procedure sheets. For typical information to appear on welding procedure sheets for various processes, reference should be made to the appendices in BS 499 : Part 1, while an example of the layout of a typical welding procedure test record is given in the appendix of BS 4870 : Part 1.