BSI

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British Standard

Resistance spot welding electrodes, electrode holders and ancillary equipment

Part 8. Specification for insulation caps and bushes

[ISO title: Insulation caps and bushes for resistance welding equipment]

Electrodes, porte-électrodes et équipements auxiliaires de soudage par points par résistance
Partie 8. Capuchons et bagues isolantes — Spécifications

Elektroden, Elektrodenhalter und Zubehörteile zum Widerstandspunktschweißen
Teil 8. Isolierbuchsen und Isolierkappen

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National foreword

This Part of BS 4215 has been prepared under the direction of the Welding Standards Committee. It is identical with ISO 7931-1985 'Insulation caps and bushes for resistance welding equipment' published by the International Organization for Standardization (ISO).

This British Standard is being revised in several Parts and supersedes BS 4215 : 1967, which is withdrawn. Most of the Parts will be identical with or based on international standards but, in instances where the United Kingdom was unable to give a vote of approval to the international standard, a corresponding British Standard will be prepared, where possible, taking account of the reasons for disapproval. A further Part will also be published in due course, specifying electrodes, electrode holders and ancillary equipment of interest in the UK only.

The following Parts of BS 4215 have been published to date:

Part 1. Specification for resistance spot welding electrode adaptors

Part 2. Specification for straight resistance spot welding electrodes

Part 3. Specification for the dimensions of electrode taper fits

Part 4. Specification for taper plug gauges and taper ring gauges

Part 5. Specification for electrode back-ups and clamps

Part 6. Specification for electrode adaptors, female taper 1:10

Part 7. Specification for male electrode caps

Part 8. Specification for insulation caps and bushes

For the purposes of this Part of BS 4215, the ISO designation ISO 7931, required in **3.1.4**, is replaced by the designation BS 4215/8. The example is amended as follows:

Insulation cap BS 4215/8 — C.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'Part of BS 4215'.

Cross-references

International standard	Corresponding British Standard
ISO 887-1983	BS 4320 : 1968 Specification for metal washers for general engineering purposes. Metric series (Technically equivalent)
ISO 5827-1983	BS 4215 Resistance spot welding electrodes, electrode holders and ancillary equipment Part 5 : 1987 Specification for electrode back-ups and clamps (Identical)

The Technical Committee has reviewed the provisions of ISO 4762 to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this Part of BS 4215. ISO 4762 is related to BS 4168 'Hexagon socket screws and wrench keys: metric series' Part 1 : 1981 'Specification for hexagon socket head cap screws'.

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

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