



BS 4942 : Part 3 : 1981
ISO 1836-1980

UDC 621.86.065.4:672.6

Short link chain for lifting purposes

Part 3. Specification for grade M (4) calibrated chain

[ISO title: Short link chain for lifting purposes—Grade M (4), calibrated, for chain hoists and other lifting appliances]

Chaînes de levage à maillons courts

Partie 3. Spécification des chaînes de classe M (4), calibrées

Rundstahlketten zum Heben

Teil 3. Güteklasse M (4) lehrenhaltige Ketten

British Standards Institution

BS 4942 : Part 3 : 1981

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National foreword

This Part of this British Standard, published under the direction of the Mechanical Engineering Standards Committee, forms one of a series on lifting chain and is identical with ISO 1836 'Short link chain for lifting purposes—Grade M (4)—Calibrated, for chain hoists and other lifting appliances published in 1980 by the International Organization for Standardization (ISO).

The United Kingdom has taken part in the preparation of the International Standard through Subcommittee 1 of Technical Committee 111, Round steel link chains, chain wheels, lifting hooks and accessories.

This Part of this standard is a revision of BS 4942 : Part 3 : 1973, which was related to ISO/R 1836-1971 although the text was not identical. The 1973 edition of BS 4942 : Part 3 is withdrawn with publication of this revision. It is also intended that this Part of this standard will in due course supersede BS 1663 : 1950 'Higher tensile steel chain Grade 40 (short link and pitched or calibrated) for lifting purposes'.

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 especially drawn to the following.

The comma has been used throughout 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 'British Standard'.

Cross-references

International standard	Corresponding British Standard
ISO 388-1964	BS 4391 : 1972 Recommendations for metric basic sizes for metal wire (Technically equivalent)
ISO/R 643-1967	BS 4490 : 1969 Methods for the determination of austenitic grain size of steel (Technically equivalent)
ISO 1035/1-1969	BS 4229 Recommendations for metric sizes of ferrous and non-ferrous bars Part 2 : 1969 Ferrous bars (Technically equivalent)
ISO 1834-1980	BS 4942 Short link chain for lifting purposes Part 1 : 1981 Specification for general conditions of acceptance (Identical)

Additional information. It will be noted that clause 9 requires a quality mark to be applied and alternative marks are permitted i.e. 'M' or '4'. Manufacturers are recommended to adopt the mark 'M' as the quality mark for this grade of chain, in order to align with the marking of other materials and components in this grade. The use of either 'M' or '4' as the quality mark is however acceptable for compliance with this British Standard.