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No. 193—1929.

British Standards Institution

Incorporated by Royal Charter

FORMERLY

British Engineering Standards Association

FORMED IN 1901 AS THE ENGINEERING STANDARDS COMMITTEE

BRITISH

STANDARD SPECIFICATION

FOR

BRITISH STANDARD WHITWORTH (SMALL HEXAGON), (B.S.W.S.)

BRIGHT HEXAGON BOLTS, NUTS AND SET-SCREWS,
SPLIT-PINS, WASHERS AND STUDS.

(The words "Small hexagon" indicate a bolt screwed with a B.S.W. thread but having a smaller size head than the B.S.W. bolt; the corresponding nut is also smaller.)

LONDON:

PUBLISHED BY THE BRITISH STANDARDS INSTITUTION,
PUBLICATIONS DEPARTMENT,

28, VICTORIA STREET, LONDON, E.W.1.

Telegrams: Standards, West, London. Telephone: Abbey 8883.

February, 1929.

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The following Government Departments and Scientific and Industrial Organisations were officially represented upon the Committees entrusted with the preparation of this Specification:—

Admiralty.

War Office.

Air Ministry.

Office of Works.

General Post Office.

Crown Agents for the Colonies.

National Physical Laboratory.

Institution of Mechanical Engineers.

Institution of Naval Architects.

Institute of Marine Engineers.

Institution of Gas Engineers.

Institution of Engineers and Shipbuilders in Scotland.

North East Coast Institution of Engineers and Shipbuilders.

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Brass and Copper Tube Association.

Bridge and Constructional Ironwork Association.

Bright Bolt and Nut Manufacturers' Association.

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British Engineers' Association.

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British Marine Oil Engine Manufacturers' Association.

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Locomotive Manufacturers' Association.

Machine Tool Trades Association.

Metal Thread Screw Manufacturers' Association.

Society of British Aircraft Constructors, Ltd.

Society of Motor Manufacturers and Traders, Ltd.

This Specification was adopted by the Sectional Committee on Machine Parts, their Gauging and Nomenclature, in November, 1928 and approved on behalf of the Main Committee on November 22nd, 1928.

NOTE.

In order to keep abreast of progress in the Industries concerned, the British Standard Specifications are subject to periodic review.

Suggestions for improvements, addressed to the Director, British Engineering Standards Association, 28, Victoria Street, London, S.W.1, will be welcomed at all times. They will be recorded, and in due course brought to the notice of the Committees charged with the revision of the Specifications to which they refer.

CONTENTS.

		PAGE.
Foreword	...	3
GENERAL NOTES.		
1. Nominal Size	...	5
2. Screw Threads	...	5
3. Material	...	5
4. British Standard Stock Lengths	...	5

NOTES TO TABLE 1.

1. Chamfering...	...	6
2. Diameter of Bolt	...	6
3. Minimum Length of Thread	...	6
4. Bolt Lengths	...	6
5. Set-screw Lengths	...	6
6. Length of Thread of Set-Screws	...	6
7. Split-pin Holes	...	6

NOTES TO TABLE 2.

1. Chamfering...	...	8
2. Lengths of Bolts when using Slotted and Castle Nuts	...	8
3. Form of Slot	...	8

NOTES TO TABLE 3.

1. Chamfering...	...	10
------------------	-----	----

FIGURES.

Fig. 1. Hexagon Bolt	...	6
Fig. 2. Hexagon Set-screw	...	6
Fig. 3. Hexagon Nut	...	6
Fig. 4. Hexagon Lock Nut	...	6
Fig. 5. Hexagon Slotted Nut	...	8
Fig. 6. Hexagon Castle Nut	...	8
Fig. 7. Split-pin	...	10
Fig. 8. Washer	...	10
Fig. 9. Stud	...	10

TABLES.

Table 1. Dimensions of Hexagon Bolts, Set-screws, Nuts and Lock Nuts	...	7
Table 2. Dimensions of Hexagon Slotted Nuts and Castle Nuts	...	9
Table 3. Dimensions of Split-pins and Washers	...	11
Table 4. Stock Lengths for Bright Steel Hexagon Bolts, set-screws and Studs	...	12

FOREWORD.

A demand having arisen for a series of bolts having British Standard Whitworth Threads but with smaller heads than those of the series published in the B.S. Specification No. 190, the new Standard contained in the following Specification has been established and designated the British Standard Whitworth (Small hexagon) (B.S.W.S.) series. A corresponding nut has also been standardised.

The dimensions, other than those of the screw threads, are identical with those of the British Standard Fine series, published in the B.S. Specification No. 191, and the present series is that which has been used in certain branches of industry under the designation "Auto-Whit."

Note.—This Specification is additional to, and does not supersede, the following two Specifications:—

No. 190. British Standard Whitworth (B.S.W.) Bright Hexagon Bolts, Set-screws and Nuts, Split-pins, Washers and Studs.

No. 191. British Standard Fine (B.S.F.) Bright Hexagon Bolts, Set-screws and Nuts, Split-pins, Washers and Studs.