

Please be aware that this PDF has been created from the original hardcopy document, which might not be in good condition and so the PDF might reflect this.

PD 2465

Amendment No. 1, published 1st June, 1956

to B.S. 32: 1952

Steel bars for the production of machined parts

Revision

Page 5, Grade 1, En 6A. Delete 'Carbon not more than 0.40 per cent' and substitute 'Carbon not more than 0.35 per cent.'

Page 9, Grade 1, En 6A. Delete the mechanical properties and substitute the following :

Grade and finish	Ultimate tensile stress (min.)		Elongation (min.)
	tons/sq. in.	kg./sq. mm.	
Cold drawn or cold rolled En6A DIA. OR WIDTH ACROSS FLATS Up to and including $\frac{3}{4}$ in. (19.0 mm.)	38/48	59.8/75.0	10
Over $\frac{3}{4}$ in. up to and including $2\frac{1}{2}$ in. (63.5 mm.)	35/45	55.1/70.9	12
Over $2\frac{1}{2}$ in.	32/45	50.4/70.9	15

BRITISH STANDARD SPECIFICATION

STEEL BARS FOR THE PRODUCTION OF MACHINED PARTS

B.S. 32 : 1952

Price ~~2/6~~ net, post free

3/6

BRITISH STANDARDS INSTITUTION

Incorporated by Royal Charter

Telegrams : Standards, Sowest, London Telephone : Abbey 3333

Sales Branch Telephone : Victoria 0522

24 VICTORIA STREET, LONDON, S.W.1

PD. 3281

Amendment No. 2, published 9 March, 1959
to B.S. 32 : 1952

Steel bars for the production of machined parts

Revision

Table 5. Add the following :

Fractional sizes	Tolerance (minus)
in. across flats	in.
$1\frac{1}{16}$	0.005
$1\frac{1}{8}$	0.005
$1\frac{3}{16}$	0.005
$2\frac{1}{16}$	0.006
$2\frac{3}{16}$	0.006

THIS BRITISH STANDARD, having been approved by the Iron and Steel Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 23rd January, 1952.

First published, May, 1907.

First revision, May, 1921.

Second revision, December, 1927.

Third revision, February, 1935.

Fourth revision, January, 1952.

The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 1700, indexed and cross-indexed for reference, together with an abstract of each standard, will be found in the Institution's Yearbook, price 7s. 6d. post free.

This standard makes reference to the following British Standards :—

B.S. 18 Tensile testing of metals.

B.S. 970 Wrought steels.

British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or edition.

ISE/31

CO-OPERATING ORGANIZATIONS

The Iron and Steel Industry Standards Committee under whose supervision this British Standard was prepared consists of representatives from the following Government departments and scientific and industrial organizations :—

- *Admiralty
- Alloy Steels Association
- British Cast Iron Research Association
- British Constructional Steelwork Association
- *British Electrical and Allied Manufacturers' Association
- British Engineers' Association
- *British Iron and Steel Federation
- British Ironfounders' Association
- *British Railways, The Railway Executive
- British Steel Founders' Association
- British Steel Wire Industries Association
- Crown Agents for the Colonies
- Federation of Civil Engineering Contractors
- Institute of British Foundrymen
- *Institute of Marine Engineers
- Institution of Civil Engineers
- Institution of Mechanical Engineers (Automobile Division)
- Institution of Structural Engineers
- Iron and Steel Institute
- Lloyd's Register of Shipping
- Ministry of Housing and Local Government
- Ministry of Labour and National Service (Factory Department)
- *Ministry of Supply
- *National Association of Drop Forgers and Stampers
- National Ironfounding Employers' Association
- National Physical Laboratory
- Shipbuilding Employers' Federation
- Society of British Aircraft Constructors

The Government departments and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the Committee entrusted with the preparation of this British Standard :—

- British Bolt, Nut, Screw and Rivet Conference
- Coil Spring Federation Research Organization
- Institution of Engineering Inspection
- Railway Carriage and Wagon Building Association
- Society of Motor Manufacturers and Traders Ltd.
- Stainless Steel Fabricators' Association