

Specification for

Double-ended open-jawed spanners for B.A. hexagon sizes

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

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Air Ministry

Associated Offices Technical Committee

Association of Consulting Engineers
(Incorporated)

British Chemical Plant Manufacturers’
Association

British Compressed Air Society

British Electrical and Allied Manufacturers’
Association*

British Engineers’ Association

British Internal Combustion Engine
Manufacturers’ Association

British Iron and Steel Federation

British Railways, The Railway Executive*

Crown Agents for the Colonies

D.S.I.R. — Mechanical Engineering
Research Organization

Engineering Equipment Users’ Association

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Engineers

Institution of Mechanical Engineers*

Institution of Mechanical Engineers
(Automobile Division)

Institution of Production Engineers*

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Ministry of Transport

Ministry of Works

Office of the High Commissioner for India

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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:—

- Federation of British Hand Tool
Manufacturers

Gas Council

General Post Office

Imperial Chemical Industries

Leicester College of Technology and
Commerce
- National Association of Drop Forgers and
Stampers

Society of British Aircraft Constructors

Spanner Manufacturers

Telephone Manufacturers Technical
Development Committee

This British Standard, having been approved by the Mechanical Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 10 March 1952

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Foreword

This standard makes reference to the following British Standards:—

BS 57, *B.A. bolts, screws, nuts and washers.*

BS 860, *Table of approximate comparison of hardness scales.*

BS 970, *Wrought steels.*

This British Standard has been prepared under the authority of the Mechanical Engineering Industry Standards Committee and forms one of a series covering the main types and ranges of spanners.

As certain other standards in the series, relating to tubular, socket and ring spanners, will deal with all hexagon ranges, including the B.A. this standard provides for the open-jawed type only in the B.A. range.

Performance tests have been omitted as being unnecessary for this type of spanner. It is felt that the quality of these tools is adequately safe-guarded by the provisions of the clauses dealing with material, heat treatment, hardness and manufacture.

Open-jawed B.A. spanners fall naturally into two categories which, for convenience of nomenclature, have been designated the “spear-head” type and the “round-head” type. It should be understood that these terms refer to their general appearance. The decision to include both odd and even number sizes in this British Standard was made after very careful consideration, but it should be noted that provision is not made for their incorporation together on any spanner.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 7 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.