

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 4630 : 1998

Open ended spanners

ICS

Descriptors :

Reference number : JIS B 4630 : 1998 (E)

B 4630 :1998

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently JIS B 4630:1994 is replaced with JIS B 4630:1998.

In this revision, Annex to this Standard has been prepared based on corresponding International Standards without any modification of technical contents to conform to ISOs. Further, to make difference between them minimize, a partial content of the former Standard has been amended in the body of this Standard.

Date of Establishment: 1952-03-08

Date of Revision: 1998-03-20

Date of Public Notice in Official Gazette: 1998-03-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Machine Elements

JIS B 4630 :1998, First English edition published in 1998-08

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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Open ended spanners

Introduction This standard is Japanese Industrial Standard prepared on the basis of the International Standards shown in the Remarks. However, in the main body of this Standard, the classification and grade specified conventionally in Japanese Industrial Standard and their shape and dimensions, quality, inspection, designation of products and marking are described. In Annex, relevant provisions in the corresponding International Standards are described without modifying the technical content. Further, specifications not contained in the corresponding International Standards (appearance, inspection, designation of products and marking) are additionally included in the Annex as a part of Japanese Industrial Standard.

The provisions underlined with dots in Annex are the matters not specified in the corresponding International Standards.

Remarks: The International Standards corresponding to this Standard are as follows:

ISO/DIS 691 : 1996, *Assembly tools for screws and nuts—Wrench and socket openings—Tolerances for general use*

ISO 1085 : 1986, *Assembly tools for screws and nuts—Double-ended wrenches—Size pairing*

ISO 1703 : 1983, *Assembly tools for screws and nuts—Nomenclature*

ISO 1171 : 1975, *Hand operated wrenches and sockets—Technical specifications*

ISO 3318 : 1990, *Assembly tools for screws and nuts—Double-headed open-ended wrenches, double-headed ring wrenches and combination wrenches—Maximum widths of heads*

ISO 4229 : 1977, *Assembly tools for screws and nuts—Single-head engineer's wrenches—Gaps from 50 mm to 120 mm*

ISO 10102 : 1990, *Assembly tools for screws and nuts—Double-headed open-ended engineers' wrenches*

1 Scope This Japanese Industrial Standard specifies the spanners of round and spear-shape head types (hereafter referred to as “spanner”) used as assembly or disassembly tools for bolts, nuts and square head set screws.

2 Normative reference The following standard contains provisions which, through reference in this Standard, constitutes provisions of this Standard. For this referred standard, only the edition of indicated year constitutes the provisions of this Standard but the revision and supplement made thereafter are not applied.

JIS B 1002 : 1985 *Dimensions of widths across flats*

3 Classification and grade The classification and grade of spanners shall be as given in Table 1.