

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

④ JIS B 4604 : 1998

Adjustable angle wrenches

ICS 25.140.30

Descriptors : wrenches, adjustment, assembling, hand tools

Reference number : JIS B 4604 : 1998 (E)

B 4604:1998

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 4604:1995 is replaced with JIS B 4604:1998.

In this Revision, Annex to this Standard has been prepared based on corresponding International Standards without any modification of technical contents to conform between JIS and 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: 1949-12-22

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 4604:1998, First English edition published in 1998-07

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,
the original JIS is to be the final authority.

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Printed in Japan

Adjustable angle wrenches

Introduction This Standard is the Japanese Industrial Standard prepared based on the International Standards shown in the Remarks, providing the classification and grade specified conventionally in the Japanese Industrial Standard and their shape and dimensions, quality, inspection, designation of products and marking in the body, and without modifying their technical contents in Annex while it is supplemented the items not specified in the corresponding International Standards (appearance, inspection, designation of products and marking) 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 1703:1983 *Assembly tools for screws and nuts — Nomenclature*

ISO 1711:1975 *Hand operated wrenches and sockets — Technical specifications*

ISO 6787:1982 *Assembly tools for screws and nuts — Adjustable wrenches — Width across flats up to 50 mm*

1 Scope This Japanese Industrial Standard specifies adjustable angle wrenches capable of adjusting the jaw opening used mainly as assembly or disassembly tools for bolts, nuts and square head set screws (hereafter referred to as "wrenches").

2 Classification and grade The classification and the grade shall be as given in Table 1.

Table 1 Classification and grade

Classification		Grade	Symbol
By processing	By jaw slant angle		
Full forged	Type 15°	Heavy duty	H
		Normal	N
	Type 23° ⁽²⁾	Heavy duty	H
		Normal	N
Partly forged ⁽¹⁾	Type 23° ⁽²⁾	—	P

Notes ⁽¹⁾ Partly forged is those, having forged adjusting jaw, with not forged main body.

⁽²⁾ Type 23° is those with 22.5 ° in jaw slant angle.