



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 7141 : 2012

(JMMA/JSA)

**Microscopes—Screw threads for
objectives and related nosepieces**

ICS 21.060.10;37.020

Reference number : **JIS B 7141 : 2012 (E)**

Date of Establishment: 1951-12-27

Date of Revision: 2012-11-20

Date of Public Notice in Official Gazette: 2012-11-20

Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Testing and Measurement
Technology

JIS B 7141:2012, First English edition published in 2013-11

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

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Microscope Manufacturers' Association (JMMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS B 7141:2003** is replaced with this Standard.

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Microscopes—Screw threads for objectives and related nosepieces

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 8038** published in 2011 with some modifications of the technical contents.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with explanations is given in Annex JA.

1 Scope

This Standard specifies the threaded portions and screw threads for objectives, revolvers, etc. of microscopes (hereafter referred to as “screw threads for objectives”) except the specific objectives.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows:

ISO 8038:2011 *Microscopes—Screw threads for objectives and related nosepieces* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are **IDT** (identical), **MOD** (modified), and **NEQ** (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0101 *Screw threads and fasteners—Vocabulary*

JIS B 0205-1 *ISO general purpose metric screw threads—Part 1: Basic profile*

JIS B 0205-4 *ISO general purpose metric screw threads—Part 4: Basic dimensions*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS B 0101**, and the following term and definition apply.

3.1 whitworth screw thread

a type of inch screws whose pitch of screw thread is expressed by the number of threads per inch

4 Classification

The classification of screw threads for objectives shall be as given in table 1.