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(FOIA/JSA)

**Ophthalmic optics—
Spectacle frames—Measuring
system and terminology**

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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 the Fukui Optical Industrial Association (FOIA)/the 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 7281 : 1990** is replaced with this Standard.

This revision has been made based on **ISO/FDIS 8624 : 2001** *Ophthalmic optics—Spectacle frames—Measuring system and terminology* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Ophthalmic optics—Spectacle frames— Measuring system and terminology

Introduction This Japanese Industrial Standard has been prepared on the basis of the first edition of **ISO/FDIS 8624 : 2001** *Ophthalmic optics—Spectacle frames—Measuring system and terminology* without modification in technical contents.

In addition, the portions with underlines of dots in this Standard are the matter not included in the original International Standard.

1 Scope This Standard specifies the measuring system and terminology of spectacle frames and applies to spectacle frames designed symmetrically.

Remarks : The International Standard corresponding to this Standard is as follows.

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**.

ISO/FDIS 8624 : 2001 *Ophthalmic optics—Spectacle frames—Measuring system and terminology* (IDT)

2 Measuring system The measuring system for spectacle frames shall be as detailed in Fig. 1 and Fig. 2 and in Table 1. If codes are used as abbreviations in spectacle frame documentation, the standardized letter codes in Table 1 shall be employed.

2.1 The measuring system is based on the boxed lens (boxing) system, which uses a rectangle tangential to the lens shape as the basis for the determination of the dimensions of the spectacle front. The upper tangent is common to both lens shapes and shall be regarded as horizontal. The measuring system comprises several horizontal and vertical dimensions and reference points. The knowledge of these is necessary for the manufacturing, ordering and adjustment of spectacle frames, as well as for the exact mounting of spectacle lenses into spectacle frames.

2.2 Annex A includes complementary terms and definitions relating to spectacle frame measurement.