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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Design characteristics	3
4.1 General	3
4.2 Type	3
4.3 Nomenclature	4
4.4 Shapes and dimensions of stem and dovetail segment	4
4.5 Scale and primary pointer	5
4.6 Secondary pointer	6
4.7 Revolution direction of primary pointer	6
4.8 Stylus	6
4.9 Zero adjustment	7
4.10 Design characteristics by manufacturer (or supplier)	7
4.11 Design characteristics of main parts	7
5 Characteristics	8
5.1 Maximum permissible error and maximum permissible limit	8
5.2 Measuring forces	9
6 Proving of conformance with specification	9
6.1 General	9
6.2 Measurement method	10
6.3 Evaluation for characteristics	10
6.4 Transferring zero method by data processing	10
6.5 Standard temperature	10
7 Marking	10
Annex A (normative) Measurement method	11
Annex B (normative) Evaluation method	13
Annex C (informative) Example of diagram of errors of indication	14
Annex D (informative) Transferring zero method (evaluation method for characteristics by data processing)	15
Annex E (informative) Example of indication on the specifications of design and characteristics	18
Annex F (informative) Notes on use	19

Annex G (informative)	GPS matrix	21
Annex JA (informative)	Comparison table between JIS and corresponding International Standard	23

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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 according to the proposal for revision of Japanese Industrial Standard submitted by Japan Precision Measuring Instruments Manufacturers Association (JMA)/ 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 7533:1990** is replaced with this Standard.

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Dial test indicators (lever type)

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 9493** published in 2010 with some modifications of the technical contents to ensure suitability for actual production and use.

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

1 Scope

This Standard specifies the design specification and characteristics of dial test indicators.

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

ISO 9493 : 2010 *Geometrical product specifications (GPS) — Dimensional measuring equipment : Dial test indicators (lever type) — Design and metrological characteristics* (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 standard (including amendments) indicated below shall be applied.

JIS B 0641-1 *Geometrical Product Specifications (GPS) — Inspection by measurement of workpieces and measuring equipment — Part 1 : Decision rules for proving conformance or nonconformance with specifications*

NOTE: Corresponding International Standard : ISO 14253-1 *Geometrical Product Specifications (GPS) — Inspection by measurement of workpieces and measuring equipment — Part 1 : Decision rules for proving conformance or non-conformance with specifications* (IDT)

JIS B 0642 *Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment*

NOTE: Corresponding International Standard : ISO 14978 *Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment* (MOD)