



ISO 1938-1

Geometrical product specifications (GPS) — Dimensional measuring equipment —

Part 1: Plain limit gauges of linear size

*Spécification géométrique des produits (GPS) — Équipement de
mesure dimensionnel —*

Partie 1: Calibres lisses à limite de taille linéaire

Second edition
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Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
3.1 Limits	2
3.2 Gauge types	3
3.3 Characteristics and function of gauges	6
4 Abbreviated terms and symbols	7
5 Design characteristics for gauges	8
6 Metrological characteristics	9
6.1 General	9
6.2 Metrological characteristic relative to the type of limit gauge (GO gauge or NO GO gauge)	10
7 Maximum permissible limits (MPL) on metrological characteristics	14
7.1 General	14
7.2 Values for calculation of MPL for limit gauges for internal features of size	14
7.3 Values for calculation of MPL of limit gauges for external features of size	16
7.4 Values for calculation of MPL of limit gauges	18
8 Proving conformance with specification for limit gauges	21
9 Verification of dimensional specification of a workpiece with limit gauges	21
10 Marking	23
Annex A (informative) General principles and application of limit gauging	24
Annex B (informative) Description of the specific use of the various gauge types and the associated uncertainty	26
Annex C (informative) Relationship to the GPS matrix model	29
Bibliography	30

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This second edition cancels and replaces the first edition (ISO 1938-1:2015), which has been technically revised.

The main changes are as follows:

- revision of definitions [3.1.3](#), [3.1.4](#), and [3.2.1](#);
- revision of design and metrological characteristics of GO gauge type B to K in [Clause 5](#) and in [Tables 4](#) and [5](#);
- inclusion of full form cylindrical ring, full form notch gauge and gap gauge in [Table B.1](#).

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This document is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO 14638). It influences chain links E, F and G of the size chain of standards in the general GPS matrix. For more detailed information of the relation of this document to other standards and the GPS matrix model, see [Annex C](#).

The ISO GPS matrix model given in ISO 14638 gives an overview of the ISO GPS system of which this document is a part. The fundamental rules of ISO GPS given in ISO 8015 apply to this document and the default decision rules given in ISO 14253-1 apply to specifications made in accordance with this document, unless otherwise indicated.

This document deals with verification, using plain limit gauges, of linear sizes for features of size when the dimensional specifications are required (see ISO 14405-1), for rigid workpieces.

NOTE [Tables 4](#) and [5](#) use the modifiers given in ISO 14405-1 and ISO 1101.