DIN EN ISO 14638:2015-12 (E)

Geometrical product specifications (GPS) - Matrix model (ISO 14638:2015)

Contents

Page

Foreword .....

Introduction .....

1 Scope .....

2 Concept .....

3 Structure .....
3.1 General .....
3.2 Types of ISO GPS standards .....
3.2.1 Fundamental ISO GPS standards .....
3.2.2 General ISO GPS standards 6
3.2.3 Complementary ISO GPS standards 6
3.3 The ISO GPS matrix 6
3.3.1 Geometrical characteristic categories 6
3.3.2 Complementary categories 7
3.3.3 Chain of standards 7
3.3.4 Chain links .....
3.4 Geometrical property categories 7

4 Datums .....

5 Chain links .....
5.1 General .....
5.2 Chain Link A: Symbols and indications .....
5.3 Chain Link B: Feature requirements .....
5.4 Chain Link C: Feature properties .....
5.5 Chain Link D: Conformance and non-conformance .....
5.6 Chain Link E: Measurement .....
5.7 Chain Link F: Measurement equipment .....
5.8 Chain Link G: Calibration .....

6 Preparation of ISO GPS standards .....
6.1 Guidance .....
6.2 Additional text .....
6.2.1 General .....
6.2.2 Fundamental standard .....
6.2.3 General standard .....
6.2.4 Complementary standard .....

Annex A (informative) Example of an informative annex for ISO GPS standards .....

Annex B (informative) Examples of different ways in which the GPS matrix can be used to identify specific standards or groups of standards relating to a specific geometrical characteristic, or a specific chain link .....

Annex C (informative) Representation of the ISO GPS standard for datums in the ISO GPS matrix1
Annex D (informative) The former ISO GPS Matrix model 17

Annex E (informative) Relationship to the ISO GPS matrix model 18

Bibliography 19