

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