

ISO 8015:2011-06 (E)

Geometrical product specifications (GPS) - Fundamentals - Concepts, principles and rules

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Fundamental assumptions for the reading of specifications on drawings	2
4.1	General	2
4.2	Functional limits	2
4.3	Tolerance limits	2
4.4	Workpiece functional level	2
5	Fundamental principles	2
5.1	Invocation principle	2
5.2	Principle of GPS standard hierarchy	3
5.3	Definitive drawing principle	3
5.4	Feature principle	4
5.5	Independency principle	4
5.6	Decimal principle	4
5.7	Default principle	4
5.8	Reference condition principle	5
5.9	Rigid workpiece principle	5
5.10	Duality principle	5
5.11	Functional control principle	5
5.12	General specification principle	6
5.13	Responsibility principle	6
6	Rules for indication of default specification operators	6
6.1	General	6
6.2	General ISO default GPS specification	6
6.3	Altered default GPS specification	7
7	Rules for indication of special specification operators	8
7.1	General	8
7.2	Added complementary information (requirements) to the ISO basic specification	8
8	Rules for statements in parentheses	8
Annex A (informative)	Relation to the GPS matrix model	9
Bibliography		10