DIN EN ISO 16610-41:2015-12 (E)

Geometrical product specifications (GPS) - Filtration - Part 41: Morphological profile filters: Disk and horizontal line-segment filters (ISO 16610-41:2015)

Contents

Page

European foreword ... **3**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Morphological filters ... **6**
4.1 General ... 6
4.2 Discrete representation of input data ... 7
4.3 Discrete representation of structuring element ... 7
4.4 Discrete morphological filters ... 8
4.5 Discrete envelope filters ... 15
4.6 End conditions ... 15

5 Recommendations ... **16**
5.1 Circular disk structuring element ... 16
5.2 Horizontal line structuring element ... 16
5.3 Default morphological filter ... 16

6 Filter designation ... **16**

Annex A (informative) **Relationship to the filtration matrix model** ... **17**

Annex B (informative) **Relationship to the GPS matrix model** ... **18**

Bibliography ... **19**