DIN EN 1083-1:2025-08 (E)

Power-driven brushes - Part 1: Definitions and nomenclature

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms, definitions and symbols 4
3.1 Terms and definitions 4
3.2 Symbols 5

4 Designation system and nomenclature of power-driven brushes and of strip brushes 6
4.1 Structure of the designation system 6
4.2 Data block 1: Types and dimensions 8
4.2.1 General 8
4.2.2 Cup brush and wheel brush, conical 13
4.2.3 Cylinder brush and wheel brush, straight 14
4.2.4 End brush 16
4.2.5 Disc brush 17
4.2.6 Tube brush 18
4.2.7 Head brush 19
4.2.8 Strip brush 20
4.3 Data block 2: Material type of filling material, shape of filling material and form of filling material 21
4.4 Data block 3: Abrasive additive in the filling material 24
4.5 Data block 4: Arrangement of filling material 25
4.6 Data block 5: Embedding of filling material (type of binding and hardness grade or removable supporting rings) 29
4.6.1 General 29
4.6.2 Type of binding and hardness grade 29
4.6.3 Removable supporting rings 29
4.7 Data block 6: Direction of winding 30
4.8 Data block 7: Material type of brush body and its possible mantling 31

Annex A (normative) Drawings and coding of the elements for data block 1 "Type and dimensions" of the brushes 33

Annex B (informative) Examples for the complete designation of brushes 68

Bibliography 77