DIN EN 10028-3:2017-10 (E)

Flat products made of steels for pressure purposes - Part 3: Weldable fine grain steels, normalized

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Tolerances on dimensions 4

5 Calculation of mass 4

6 Classification and designation 5
6.1 Classification 5
6.2 Designation 5

7 Information to be supplied by the purchaser 5
7.1 Mandatory information 5
7.2 Options 5
7.3 Example for ordering 6

8 Requirements 6
8.1 Steelmaking process 6
8.2 Delivery condition 6
8.3 Chemical composition 6
8.4 Mechanical properties 9
8.5 Surface condition 9
8.6 Internal soundness 9
8.7 Resistance to hydrogen induced cracking 10

9 Inspection 10
9.1 Types of inspection and inspection documents 10
9.2 Tests to be carried out 10
9.3 Retests, sorting and reprocessing 10

10 Sampling 10

11 Test methods 10

12 Marking 10

Annex A (normative) Evaluation of resistance to hydrogen induced cracking 14

Annex B (informative) Information on welding 15

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive 2014/68/EU aimed to be covered 17

Bibliography 18