DIN EN 10222-2:2021-08 (E)

Steel forgings for pressure purposes - Part 2: Ferritic and martensitic steels with specified elevated temperatures properties (includes Amendment A1:2021)

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Classification and designation 4
4.1 Classification 4
4.2 Designation 4

5 Information to be supplied by the purchaser 4
5.1 Mandatory informations 4
5.2 Options 5

6 Requirements 5
6.1 Steelmaking process and manufacture of the product 5
6.2 Delivery condition 5
6.3 Chemical composition and chemical composition properties 5
6.3.1 Cast analysis 5
6.3.2 Product analysis 5
6.4 Mechanical properties 5
6.5 Surface condition 6
6.6 Internal soundness 6
6.7 Resistance to hydrogen induced cracking 6

7 Inspection 6

8 Sampling 6

9 Test methods 6

10 Retests 6

11 Marking 6

Annex A (informative) Reference data for stress rupture properties and 1 % creep limit properties ..17

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2014/68/EU aimed to be covered 26

Bibliography 27