

DIN EN 10222-5:2017-06 (E)

Steel forgings for pressure purposes - Part 5: Martensitic, austenitic and austenitic-ferritic stainless steels

| 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 | 5 |
| 5.1 | Mandatory information | 5 |
| 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 corrosion properties | 5 |
| 6.3.1 | Cast analysis | 5 |
| 6.3.2 | Product analysis | 5 |
| 6.3.3 | Resistance to intergranular corrosion | 5 |
| 6.4 | Mechanical properties | 6 |
| 6.5 | Surface condition | 6 |
| 6.6 | Internal soundness | 6 |
| 6.7 | Physical properties | 6 |
| 6.8 | Post weld heat treatment | 6 |
| 7 | Inspection | 6 |
| 8 | Sampling | 6 |
| 9 | Test methods | 6 |
| 10 | Retests | 6 |
| 11 | Marking | 6 |
| Annex A (informative) Reference data for creep rupture strength | | 20 |
| Annex B (informative) Post weld heat treatment | | 25 |
| Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2014/68/EU | | 28 |
| Bibliography | | 29 |