

ISO 9328-5:2018-02 (E)

Steel flat products for pressure purposes - Technical delivery conditions - Part 5: Weldable fine grain steels, thermomechanically rolled

| Contents | | Page |
|---|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Classification and designation | 2 |
| 4.1 | Classification | 2 |
| 4.2 | Designation | 2 |
| 5 | Information to be supplied by the purchaser | 2 |
| 5.1 | Mandatory information | 2 |
| 5.2 | Options | 2 |
| 5.3 | Example for ordering | 3 |
| 6 | Requirements | 3 |
| 6.1 | Steelmaking process | 3 |
| 6.2 | Delivery condition | 3 |
| 6.3 | Chemical composition | 3 |
| 6.4 | Mechanical properties | 4 |
| 6.5 | Surface condition | 4 |
| 6.6 | Internal soundness | 4 |
| 6.7 | Weldability | 4 |
| 6.8 | Dimensions and tolerances | 5 |
| 6.9 | Calculation of mass | 5 |
| 7 | Inspection | 5 |
| 7.1 | Types of inspection and inspection documents | 5 |
| 7.2 | Tests to be carried out | 5 |
| 7.3 | Retests, sorting and reprocessing | 5 |
| 8 | Sampling | 5 |
| 9 | Test methods | 5 |
| 10 | Marking | 6 |
| Annex A (normative) Chemical composition and mechanical properties of products delivered in accordance with European design codes | | 7 |
| Annex B (normative) Chemical composition and mechanical properties of products delivered in accordance with ASME-type design codes | | 11 |
| Annex C (informative) Steel designations in accordance with this document and designation of comparable steel grades in national or regional standards | | 14 |
| Bibliography | | 15 |