

Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Designation and ordering	6
4.1 Designation of steel grades	6
4.2 Designation to be used on ordering	6
5 Classification of grades	7
6 Requirements	8
6.1 Steelmaking process	8
6.2 Delivery condition.....	8
6.3 Chemical composition	8
6.4 Chemical corrosion properties.....	8
6.5 Mechanical properties	8
6.6 Surface quality	8
6.7 Internal soundness	9
6.8 Formability at room temperature	9
6.9 Dimensions and tolerances on dimensions and shape	9
6.10 Calculation of mass and tolerances on mass.....	9
7 Inspection and testing	9
7.1 General.....	9
7.2 Agreement on tests and inspection documents	10
7.3 Specific inspection and testing	10
7.3.1 Extent of testing	10
7.3.2 Selection and preparation of samples and test pieces.....	10
7.4 Test methods.....	10
7.5 Retests	11
8 Marking	11
Annex A (informative) Guidelines for further treatment (including heat treatment) in fabrication.....	51
Annex B (informative) Applicable dimensional standards.....	57
Bibliography	58