

ISO 16143-2:2014-05 (E)

Stainless steels for general purposes - Part 2: Corrosion-resistant semi-finished products, bars, rods and sections

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Designation	2
5	Information to be supplied by the purchaser	2
6	Classification of grades	3
7	Requirements	3
7.1	Manufacturing process	3
7.2	Delivery condition	3
7.3	Chemical composition	3
7.4	Susceptibility to intergranular corrosion	4
7.5	Mechanical properties	4
7.6	Surface quality	4
7.7	Internal soundness	5
7.8	Dimensions, tolerances on dimensions, and shape	5
8	Inspection, testing, and conformance of products	5
8.1	General	5
8.2	Inspection and testing procedures and types of inspection documents	5
8.3	Specific inspection and testing	6
8.4	Test methods	6
8.5	Retests	7
9	Marking	7
Annex A (informative) Guidelines for further treatment (including heat treatment) in fabrication		29
Annex B (informative) Designations of the steels given in Table 2 and of comparable grades covered in ASTM, EN, JIS, and GB Standards		34
Annex C (informative) Applicable dimensional standards		37
Bibliography		38