

ISO 6935-2:2015-12 (E)

Steel for the reinforcement of concrete - Part 2: Ribbed bars

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Symbols	1
4	Terms and definitions	2
5	Dimensions, mass per unit length and permissible deviations	4
6	Requirements for ribs	5
7	Chemical composition	7
8	Mechanical properties	9
8.1	Tensile properties	9
8.2	Bending properties	10
8.3	Rebending properties after ageing	11
8.4	Fatigue properties	11
9	Testing	11
9.1	Tensile test	11
9.2	Conditions of testing	11
9.3	Bend test	11
9.4	Rebend test	12
9.5	Fatigue test	12
9.6	Chemical composition	12
10	Designation	12
11	Marking	13
11.1	Marking on the bar	13
11.2	Marking of bundles	13
12	Evaluation of conformity	13
12.1	General	13
12.2	Evaluation of conformity during production	13
12.3	Acceptance testing of a specific delivery	14
12.3.1	General	14
12.3.2	Evaluation of characteristic values	14
12.3.3	Evaluation of specified minimum/maximum values	16
12.3.4	Test report	16
Annex A (informative)	Four examples of marking systems for ribbed bars	17
Annex B (informative)	Options for agreement between the manufacturer and purchaser	22
Bibliography		23