

ISO 6935-2:2019-10 (E)

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

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols	3
5	Dimensions, mass per unit length and permissible deviations	4
6	Requirements for ribs	5
7	Chemical composition	8
8	Mechanical properties	10
8.1	Tensile properties	10
8.2	Bending properties	12
8.3	Rebending properties after ageing	12
8.4	Fatigue properties	12
9	Testing	13
9.1	Tensile test	13
9.2	Conditions of testing	13
9.3	Bend test	13
9.4	Rebend test	13
9.5	Fatigue test	14
9.6	Chemical composition	14
10	Designation	14
11	Marking	14
11.1	Marking on bars	14
11.2	Identification of bundles	15
12	Evaluation of conformity	15
12.1	General	15
12.2	Evaluation of conformity during production	15
12.3	Acceptance testing of a specific delivery	16
12.3.1	General	16
12.3.2	Evaluation of characteristic values	16
12.3.3	Evaluation of specified minimum/maximum values	18
12.3.4	Test report	18
Annex A (informative) Five examples of marking systems for ribbed bars		19
Annex B (informative) Options for agreement between the manufacturer and purchaser		24
Bibliography		25