

DIN EN 10338:2015-10 (E)

Hot rolled and cold rolled non-coated products of multiphase steels for cold forming - Technical delivery conditions

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Dimensions and tolerances	5
5	Classification and designation	6
5.1	Classification	6
5.2	Designation	6
6	Information to be supplied by the purchaser at the time of enquiry and order	6
6.1	Mandatory information	6
6.2	Options	7
7	Manufacturing process and delivery conditions	7
7.1	Manufacturing process	7
7.2	Delivery conditions	7
8	Requirements	8
8.1	Chemical composition	8
8.2	Mechanical properties	10
8.3	Surface properties	11
8.3.1	Hot rolled products	11
8.3.2	Cold rolled products	12
8.4	Suitability for surface coating	12
8.5	Weldability	12
9	Inspection	12
9.1	Types of inspection and inspection documents	12
9.2	Test units	12
9.3	Tests to be carried out	12
9.4	Sampling	13
9.5	Test methods	13
9.5.1	Tensile test	13
9.5.2	Strain hardening exponent	13
9.5.3	Bake Hardening index	13
9.5.4	Surface inspection	13
9.6	Retests	13
10	Marking	14
11	Packing	14
12	Storage and transportation	14
13	Disputes	14
Bibliography		15