

DIN EN 10270-2:2012-01 (E)

Steel wire for mechanical springs - Part 2: Oil hardened and tempered spring steel wire

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Classification	5
5	Information to be supplied by the purchaser	5
6	Requirements	6
6.1	Form of delivery	6
6.2	Surface finish	6
6.3	Chemical composition	6
6.4	Non metallic inclusions	6
6.5	Mechanical properties	6
6.6	Technological properties	12
6.7	Surface quality	12
6.8	Dimensions and dimensional tolerances	13
7	Testing and inspection	14
7.1	Inspection and inspection documents	14
7.2	Extent of testing for specific inspection	14
7.3	Sampling	14
7.4	Test methods	15
7.5	Retests	16
8	Marking and packaging	16
Annex A (informative) Additional information		18
A.1	Modulus of elasticity and shear modulus at room temperature	18