

DIN EN ISO 2702:2023-03 (E)

Fasteners - Heat treated tapping screws - Mechanical and physical properties (ISO 2702:2022)

Contents		Page
European foreword		3
Foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Materials	5
5	Mechanical and physical properties	6
5.1	General	6
5.2	Surface hardness	6
5.3	Case-hardened depth	6
5.4	Core hardness	7
5.5	Microstructure	7
5.6	Thread-forming ability	7
5.7	Torsional strength	7
5.8	Ductility	7
6	Test methods	8
6.1	General	8
6.2	Surface hardness test	8
6.3	Case-hardened depth determination	8
6.4	Core hardness test	9
6.5	Microstructure test	10
6.6	Drive test	10
6.7	Torsional test	11
6.8	Ductility test	12
7	Inspection	13
7.1	Manufacturer's inspection	13
7.2	Supplier's inspection	13
7.3	Purchaser's inspection	14
7.4	Delivery of test results	14
8	Marking and labelling	14
8.1	General	14
8.2	Marking on screws	14
8.3	Marking on packages (labelling)	14
Bibliography		15