

DIN EN 14592:2012-07 (E)

Timber structures - Dowel-type fasteners - Requirements (includes Amendment A1:2012)

Contents		Page
Foreword		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		6
4 Symbols and abbreviations		9
5 Dimensions and tolerances		9
5.1 Method of measurement and accuracy		9
5.2 Length		9
5.3 Nominal diameter		9
5.4 Other dimensions		9
5.5 Cross-sectional area		10
6 Requirements		10
6.1 Nails		10
6.1.1 General		10
6.1.2 Materials		10
6.1.3 Geometry		10
6.1.4 Mechanical strength and stiffness		11
6.1.5 Corrosion protection		12
6.2 Staples		13
6.2.1 General		13
6.2.2 Materials		13
6.2.3 Geometry		13
6.2.4 Mechanical strength and stiffness		13
6.2.5 Corrosion protection		14
6.3 Screws		14
6.3.1 General		14
6.3.2 Materials		15
6.3.3 Geometry		15
6.3.4 Mechanical strength and stiffness		15
6.3.5 Corrosion protection		17
6.4 Dowels		17
6.4.1 General		17
6.4.2 Materials		17
6.4.3 Geometry		17
6.4.4 Mechanical strength and stiffness		17
6.4.5 Corrosion protection		18
6.5 Bolts and nuts		18
6.5.1 General		18
6.5.2 Materials		18
6.5.3 Geometry		19
6.5.4 Mechanical strength and stiffness		19
6.5.5 Corrosion protection		19
7 Evaluation of conformity		20
7.1 General		20

7.2	Initial type testing (ITT)	20
7.2.1	General	20
7.2.2	Sampling, testing and conformity criteria	20
7.3	Factory production control (FPC)	26
7.3.1	General	26
7.3.2	Daily control	26
7.3.3	6-monthly control	32
8	Marking	33
8.1	General	33
8.2	Nails	33
8.3	Staples	33
8.4	Screws	34
8.5	Dowels	34
8.6	Bolts and nuts	34
Annex A (normative) Expression of corrosion protection specifications		35
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive		37
Bibliography		44