

DIN EN 15048-1:2016-09 (E)

Non-preloaded structural bolting assemblies - Part 1: General requirements

Contents		Page
European foreword		3
Introduction		5
1 Scope		6
2 Normative references		6
3 Terms and definitions		7
4 Product characteristics		8
4.1 General		8
4.2 Type (bolting assemblies)		8
4.3 Property class (bolting assemblies)		11
4.4 Product grade (bolts and nuts)		13
5 Testing and assessment methods		14
5.1 General		14
5.2 Type (bolting assemblies) - Axial load (bolting assemblies)		14
5.3 Property class (bolting assemblies)		14
5.4 Product grade (bolts and nuts)		15
6 Assessment and Verification of Constancy of Performance (AVCP)		16
6.1 General		16
6.2 Type-testing		17
6.3 Factory production control (FPC)		18
Annex ZA(informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation		24
ZA.1 Scope and relevant characteristics		24
ZA.2 Procedure for Assessment and Verification of Constancy of Performance (AVCP) of Non- preloaded structural bolting assemblies		24
ZA.3 CE marking and labelling		28
Bibliography		30