

DIN EN 14399-2:2015-04 (E)

High-strength structural bolting assemblies for preloading - Part 2: Suitability for preloading

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Symbols and units	6
5	Technical requirements for structural bolting assemblies	7
5.1	Composition of bolting assemblies	7
5.2	Manufacturing requirements	9
5.3	Marking of the components of the bolting assemblies	9
5.4	Delivery conditions for the bolting assemblies	9
5.5	Information to be supplied	10
6	Suitability test	10
6.1	Principle of the test	10
6.2	Test apparatus	11
6.3	Test assemblies	11
6.4	Test set-up	12
6.5	Test procedure	12
6.6	Evaluation of the test results	13
6.6.1	Rotation/bolt force curve	13
6.6.2	Torque/bolt force curve for the torque at the design preload	14
6.6.3	Elongation/bolt force curve	15
6.6.4	Torque/bolt force curve for the individual values of the bolt force at a specified value of the applied torque	16
6.7	Test report	16
Annex A (informative)	Special testing conditions and procedures	18
Bibliography		19