

High-strength structural bolting assemblies for preloading —

Part 1: General requirements

The European Standard EN 14399-1:2005 has the status of a
British Standard

ICS 21.060.01

National foreword

This British Standard is the official English language version of EN 14399-1:2005.

EN 14399-1:2005 is a candidate “harmonized” European Standard and fully takes into account the requirements of the European Commission mandate M/120, *Structural metallic products and ancillaries*, given under the EU Construction Products Directive (89/106/EEC), and is intended to lead to CE marking. The date of applicability of EN 14399-1:2005 as a harmonized European Standard, i.e. the date after which this standard may be used for CE marking purposes, is subject to an announcement in the *Official Journal of the European Communities*.

The Commission in consultation with Member States has agreed a transition period for the co-existence of harmonized European Standards and their corresponding national standard(s). It is intended that this period will comprise a period, usually nine months, after the date of availability of the European Standard, during which any required changes to national regulations are to be made, followed by a further period, usually of 12 months, for the implementation of CE marking. In this instance an application has been made to CEN for a two-year extended co-existence period, from September 2005 to September 2007¹⁾. At the end of the co-existence period, the national standard(s) will be declared obsolescent, and will be withdrawn on publication of Eurocode 3.

EN 14399-1:2005 is the subject of transitional arrangements agreed under the Commission mandate. In the UK, the corresponding national standards are:

- BS 4395-1:1969, *Specification for high strength friction grip bolts and associated nuts and washers for structural engineering — Part 1: General grade*;
- BS 4395-2:1969, *Specification for high strength friction grip bolts and associated nuts and washers for structural engineering — Part 2: Higher grade bolts and nuts and general trade washers*²⁾;

and based on the applied-for transition period, it is planned that BS 4395-1:1969 and BS 4395-2:1969 will be declared obsolescent in September 2007¹⁾, and then, together with BS 449 and BS 5950, will be withdrawn upon publication of Eurocode 3.

BS 4395-1:1969 and BS 4395-2:1969 currently support BS 449 and BS 5950.

NOTE This date is approximate. Users of this standard should contact BSI Customer Services for confirmation of withdrawal.

¹⁾ CEN/TC 185/WG 6 has applied for a two-year extended co-existence period, to “September 2007”, and for a corrigendum to amend the second “September 2005” date in the Foreword to EN 14399-1:2005 to “September 2007”.

²⁾ Together with BS EN 14399-2:2005, BS EN 14399-3:2005, BS EN 14399-4:2005, BS EN 14399-5:2005 and BS EN 14399-6:2005, BS EN 14399-1:2005 supersedes BS 4395-1:1969 and BS 4395-2:1969.

Summary of pages

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Amendments issued since publication

Amd. No.	Date	Comments

The UK participation in the preparation of EN 14399-1 was entrusted by Technical Committee FME/9, Nuts, bolts and accessories/Steering Committee, to its Subcommittee, FME/9/1, Materials, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Additional Information

This part of BS EN 14399 is one of several parts that comprise the BS EN 14399 series of standards. BS EN 14399-1 provides the general requirements to which the other parts, which provide specific requirements regarding manufacture, materials and testing, relate.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

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