



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 28839 : 1992

ICS 21.060.10
21.060.20

**MECHANICAL PROPERTIES OF FASTENERS –
BOLTS, SCREWS, STUDS AND NUTS MADE
OF NON-FERROUS METALS (ISO 8839:1986)**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
<http://www.standards.ie>

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Údarás um Chaighdeáin Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

MECHANICAL PROPERTIES OF FASTENERS –

BOLTS, SCREWS, STUDS AND NUTS MADE OF NON-FERROUS METALS

(ISO 8839:1986)

AS

THE IRISH STANDARD SPECIFICATION FOR

MECHANICAL PROPERTIES OF FASTENERS –

BOLTS, SCREWS, STUDS AND NUTS MADE OF NON-FERROUS METALS

(ISO 8839:1986)

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Mechanical Properties of Fasteners – Bolts, Screws, Studs and Nuts Made of Non-Ferrous Metals (ISO 8839:1986)) Declaration, 1992.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Mechanical Properties of Fasteners – Bolts, Screws, Studs and Nuts Made of Non-Ferrous Metals (ISO 8839:1986). The Schedule comprises the text of EN 28839 : 1991.

(2) The said standard specification may be cited as Irish Standard/EN 28839 : 1992 or as I.S./EN 28839 : 1992.

EUROPEAN STANDARD

EN 28839:1991

NORME EUROPEENNE

EUROPAISCHE NORM

October 1991

UDC 621.88-034.2:620.17

Descriptors : Fasteners, bolts, screws, studs, nuts : fasteners,
specifications, mechanical properties, tests, breaking load,
designations

English version

**Mechanical properties of fasteners - Bolts,
screws, studs and nuts made of non-ferrous metals
(ISO 8839:1986)**

Caractéristiques mécaniques des
éléments de fixation - Boulons, vis,
goujons et écrous en métaux non ferreux
(ISO 8839:1986)

Mechanische Eigenschaften von
Verbindungselementen - Schrauben und
Mutter aus Nichteisenmetallen (ISO
8839:1986)

This European Standard was approved by CEN on 1991-10-10 and is identical to the ISO standard as referred to.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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FOREWORD

In 1990, ISO 8839:1986 was submitted to the CEN P.Q.-procedure.

Following the positive result of the P.Q., CEN/BT agreed to submit ISO 8839:1986 with the following modifications to Formal Vote.

Bolts, screws, studs and nuts with mechanical properties according to this standard can be used in cases where corrosion resistance or electrical conductivity are required, but no special requirement in view of these properties are specified in this standard.

In the French version, replace :

- "boulon" by "vis partiellement filetée",
- "boulon, vis" by "vis".

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of the International Standard ISO 8839:1986 was approved by CEN as a European Standard with agreed common modifications as given above.

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