

Textile slings – Safety –

Part 2: Roundslings made of man-made fibres, for general purpose use

ICS 53.020.30

National foreword

This British Standard is the UK implementation of EN 1492-2:2000+A1:2008, incorporating Corrigendum June 2006. It supersedes BS EN 1492-2:2000, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** ~~A1~~.

The UK participation in its preparation was entrusted to Technical Committee MHE/15, Textile slings.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Additional information

In the UK, the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) require that accessories for lifting are thoroughly examined by a competent person at either 6 month intervals, or in accordance with a scheme of examination drawn up by a competent person.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Committee and comes into effect on 15 September 2000

© The British Standards Institution 2012

ISBN 978 0 580 78638 9

Amendments/corrigenda issued since publication

Amd. No.	Date	Comments
16577 Corrigendum No. 1	29 September 2006	Implementation of CEN corrigendum June 2006. Corrections to Figure 3 and Figure 4
	30 June 2009	Implementation of CEN amendment A1:2008
	31 January 2012	Implementation of Corrigendum January 2012: Correction to BSI title and running headers
	31 March 2012	Implementation of Corrigendum March 2012: Correction to running headers

English Version

Textile slings - Safety - Part 2: Roundslings made of man-made fibres for general purpose use

Elingues textiles - Sécurité - Partie 2: Elingues rondes en textiles chimiques d'usage courant

Textile Anschlagmittel - Sicherheit - Teil 2: Rundschlingen aus Chemiefasern für allgemeine Verwendungszwecke

This European Standard was approved by CEN on 30 June 2000 and includes Corrigendum 1 issued by CEN on 7 June 2006 and Amendment 1 approved by CEN on 11 September 2008.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

Page

Foreword	3
Introduction	4
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Hazards	6
Table 1 – Hazards and associated requirements	7
5 Safety Requirements	7
Figure 1 – Principle of core construction	8
Figure 2 – Effective working length	9
Table 2 – Working load limits and colour codes	10
6 Verification of safety requirements	11
Table 3 – Testing intervals	12
Table 4 – Testing intervals	13
7 Marking	13
Figure 3 – Typical label format	14
Figure 4 – Typical methods of attachment of label	15
8 Manufacturer's certificate	15
9 Instructions for use	16
Annex A (normative) Methods of test to verify safety requirements	17
Table A.1 – Maximum contact radii of bollards or pins	17
Annex B (normative) Information for use and maintenance to be provided by the manufacturer	19
Annex C (informative) Suggested content of information to be provided by the manufacturer with roundslings	21
Figure C.1 – Double choke hitch	24
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC ^(A1)	26
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC ^(A1)	27
Bibliography	28

Foreword

This document (EN 1492-2:2000+A1:2008) has been prepared by Technical Committee CEN/TC 168 “Chains, ropes, webbing, slings and accessories - Safety”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2009, and conflicting national standards shall be withdrawn at the latest by December 2009.

This document supersedes EN 1492-2:2000.

This document includes Amendment 1, approved by CEN on 2008-09-11 and Corrigendum 1 issued by CEN on 2006-06-07.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags **AC** **AC**.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

A1 For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. **A1**

This European Standard is one of a series of standards related to safety for textile slings as listed below:

Part 1: Specification for flat woven webbing slings, made of man-made fibres, for general purpose use

Part 2: Specification for roundslings, made of man-made fibres, for general purpose use

Part 4: Specification for lifting slings for general service made from natural and man-made fibre rope

In this Standard:

Annex A is normative, and gives the test methods to be used to verify the safety requirements.

Annex B is normative, and gives the requirements for information on use and maintenance to be provided by the manufacturer with roundslings conforming to this European Standard.

Annex C is informative, and provides some detailed information for use and maintenance which may be appropriate in compiling the information in accordance with annex B.

A1 Annexes ZA and ZB are informative and give **A1** the relationship with EU Directives.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.