

Nederlandse norm

NEN-EN 1492-4+A1

(en)

Hijsbanden - Veiligheid - Deel 4:
Hijsgereedschappen voor algemeen gebruik
gemaakt van touwen van natuurlijke en
kunststofvezels

Textile slings - Safety - Part 4: Lifting slings for
general service made from natural and man-
made fibre ropes

Vervangt NEN-EN 1492-4:2004

ICS 53.020.30
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Als Nederlands norm is aanvaard:
- EN 1492-4:2004+A1:2008, NDT

VOORBEELD
Preview

Normcommissie 345001 "Hijsgereedschappen"

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Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
EN 696	NEN-EN 696	Touw voor algemeen gebruik - Polyamidetouw
EN 697	NEN-EN 697	Touw voor algemeen gebruik - Polyestertouw
EN 698	NEN-EN 698	Touw voor algemeen gebruik - Manilla- en sisaltouw
EN 699	NEN-EN 699	Touw voor algemeen gebruik - Polypropeentouw
EN 1050:1996	NEN-EN 1050:1997	Veiligheid van machines - Principes voor de risicobeoordeling
EN 1261	NEN-EN 1261	Touw voor algemeen gebruik - Henneptouw
EN 1677-1	NEN-EN 1677-1	Onderdelen voor hijsgereedschappen - Veiligheid - Deel 1: Gesmede stalen onderdelen, kwaliteitsklasse 8
EN 1677-2	NEN-EN 1677-2	Onderdelen voor hijsgereedschappen - Veiligheid - Deel 2: Gesmede stalen haken met haakklep, kwaliteitsklasse 8
EN 1677-3	NEN-EN 1677-3	Onderdelen voor hijsgereedschappen - Veiligheid - Deel 3: Gesmede stalen zelfborgende haken - Kwaliteitsklasse 8
EN 1677-4	NEN-EN 1677-4	Onderdelen voor hijsgereedschappen - Veiligheid - Deel 4: Schalmen, klasse 8
EN 1677-5	NEN-EN 1677-5	Onderdelen voor hijsgereedschappen - Veiligheid - Deel 5: Gesmede stalen haken met haakklep - Kwaliteitsklasse 4
EN 1677-6	NEN-EN 1677-6	Onderdelen voor hijsgereedschappen - Veiligheid - Deel 6: Schalmen - Kwaliteitsklasse 4
EN 13411-1	NEN-EN 13411-1	Eindverbindingen voor staalkabels - Veiligheid - Deel 1: Kousen voor staalkabelsamenstellen
EN ISO 1968:2004	NEN-EN-ISO 1968:2005	Touwen en touwwerk - Woordenlijst
EN ISO 7500-1:1999	NEN-EN-ISO 7500-1:1999	Metalen - Kalibratie van éénassige statische beproevingstoestellen - Deel 1: Trek/drukbanken - Verificatie en kalibratie van het krachtmeetsysteem
EN ISO 12100-2	NEN-EN-ISO 12100-2	Veiligheid van machines - Basisbegrippen, algemene ontwerpbeginselen - Deel 2: Technische beginselen

Voorbeeld
Preview

EUROPEAN STANDARD

EN 1492-4:2004+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2008

ICS 53.020.30

Supersedes EN 1492-4:2004

English Version

Textile slings - Safety - Part 4: Lifting slings for general service made from natural and man-made fibre ropes

Elingues textiles - Sécurité - Partie 4: Elingues de levage
en cordage en fibres naturelles et chimiques pour service
général

Textile Anschlagmittel - Sicherheit - Teil 4: Anschlag-
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Chemiefaserseilen

This European Standard was approved by CEN on 12 February 2004 and includes Amendment 1 approved by CEN on 11 September 2008.

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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.

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Contents

	Page
Foreword.....	3
Introduction.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	6
4 Hazards.....	8
5 Safety requirements.....	9
6 Verification.....	18
7 Marking.....	20
8 Manufacturer's certificate.....	21
9 Instructions for use.....	21
Annex A (normative) Information for use and maintenance to be provided by the manufacturer.....	22
Annex B (informative) Working load limits for various modes of use.....	24
Annex C (informative) Suggested content of information to be provided by the manufacturer with fibre rope slings.....	36
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC.....	40
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC.....	41
Bibliography.....	42

Foreword

This document (EN 1492-4:2004+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 1492-4:2004.

This document includes Amendment 1, approved by CEN on 2008-09-11.

The start and finish of text introduced or altered by amendment is indicated in the text by tags \square_{A1} \square_{A1} .

This document 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).

\square_{A1} For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. \square_{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
- 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 requirements for information on use and maintenance to be provided by the manufacturer with fibre rope slings conforming to this standard

Annex B is informative, and gives the working load limits for different configurations and types of material for fibre rope slings to this 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 A.

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.

Introduction

This European Standard has been prepared to be a harmonized standard providing one means of complying with the essential safety requirements of the Machinery Directive and associated EFTA regulations.

This European Standard is a type C standard as specified in EN ISO 12100-2. The lifting accessories concerned and the extent to which hazards are covered is indicated in the scope of this standard.

NOTE For hazards that are not covered by this standard, lifting accessories should be in accordance with EN ISO 12100-2.

Forbiede
Preview

1 Scope

This European Standard specifies the requirements related to safety, including methods of rating and testing single-, two-, three-, four-leg and endless slings, with or without fittings, made of sisal, hemp and manila 3- and 4-strand laid construction natural fibre ropes and polyamide, polyester and polypropylene 3- and 4-strand laid construction and 8-strand plaited construction man-made fibre ropes having a reference number in the range of 16 to 48 inclusive.

The fibre rope slings covered by this part of EN 1492 are intended for general purpose lifting operations, i.e. when used for lifting objects, materials or goods which require no deviations from the requirements, safety factors or working load limits specified. Lifting operations not covered by this standard would include the lifting of persons, potentially dangerous materials such as molten metal and acids, glass sheets, fissile materials, nuclear reactors and where special conditions apply.

Fibre rope slings conforming to this European Standard are suitable for use and storage in the following temperature ranges.

- a) polyester and polyamide -40°C to 100°C,
- b) manila, sisal, hemp and polypropylene -40°C to 80°C.

This European Standard does not apply to fibre rope sling assemblies rated by the trigonometric method.

This European Standard deals with the technical requirements to minimize the hazards listed in clause 4 which can arise during the use of fibre rope slings when carried out in accordance with the instructions and specification given by the manufacturer or authorized representative.

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 696, *Fibre ropes for general service – Polyamide*

EN 697, *Fibre ropes for general service – Polyester*

EN 698, *Fibre ropes for general service – Manila and sisal*

EN 699, *Fibre ropes for general service - Polypropylene*

EN 1050:1996, *Safety of machinery – Principles of risk assessment*

EN 1261, *Fibre ropes for general service - Hemp*

EN 1677-1, *Components for slings – Safety – Part 1: Forged steel components, Grade 8*

EN 1677-2, *Components for slings – Safety – Part 2: Forged steel lifting hooks with latch, Grade 8*

EN 1677-3, *Components for slings – Safety – Part 3: Forged steel self-locking hooks, Grade 8*

EN 1677-4, *Components for slings – Safety – Part 4: Links, Grade 8*

EN 1677-5, *Components for slings – Safety – Part 5: Forged steel lifting hooks with latch, Grade 4*

Bestelformulier

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