



SLOVENSKI STANDARD

SIST EN 818-4:1999/oprA1:2006

Short link chain for lifting purposes - Safety - Part 4: Chain slings - Grade 8

Kurzgliedrige Rundstahlketten für Hebezwecke - Sicherheit - Teil 4: Anschlagketten - Güteklasse 8

Chaînes de levage a maillons courts - Sécurité - Partie 4 : Élingues en chaînes - Classe 8

Ta slovenski standard je istoveten z: EN 818-4:1996/prA1

SIST EN 818-4:1999/oprA1:2006 en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 818-4:1996

prA1

June 2006

ICS

English Version

Short link chain for lifting purposes - Safety - Part 4: Chain slings - Grade 8

Chaînes de levage à maillons courts - Sécurité - Partie 4 :
Élingues en chaînes - Classe 8

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 168.

This draft amendment A1, if approved, will modify the European Standard EN 818-4:1996. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (EN 818-4:1996/prA1:2006) 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 document is currently submitted to the CEN Enquiry.

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).

For relationship with EU Directive(s), see informative annex ZA, which is an integral part of this document.

EN 818-4:1996/prA1:2006 (E)

Cover page

Add new CEN Members

Contents

Amend text as follows:

3 – Terms and definitions

9 – Change 'instructions' to 'Information'

Annex D (normative)

Forward

Change title of part 6 to read:

'Part 6: Chain slings – specification for information for use and maintenance to be provided by the manufacturer'

Add title of part 7:

Part 7: Fine tolerance hoist chain, Grade T (Types T, DAT and DT)

Delete the sentence beginning:

A further Part or Parts will.....

Add new CEN members

Throughout document:

'Replace EN 292-1 and EN 292-2 by ENISO 12100-1 and ENISO 12100-2'

Delete 'pr' from EN 818-6, EN 1050, EN 1677-1, EN 1677-2 and EN 1677-4

1 – Scope

Delete the note.

2 – Normative references

Delete the reference to EN ISO 9001:1994

3 – Definitions

Amend title and clause to read:

3 – Terms and Definitions'

'For the purposes of this part of EN 818, the terms, definitions and symbols given in EN 818-1:1996 and the following apply.'

3.1

chain sling

delete the words 'suitable according to the requirements of this European Standard' from the definition.

Delete '(see figures 1 to 4)

Add 'NOTE See figures 1 to 4'

3.2 - & 3.3

Insert 'chain' before the word 'sling' in the title and definition.

3.4

master link

insert 'chain' before the word 'sling' twice

Delete '(see figures 1 to 4)

Add 'NOTE See figures 1 to 4'

3.5

length of a leg

insert 'chain' before the word 'sling'

Delete '(see figures 1 to 4)

Add 'NOTE See figures 1 to 4'

3.8

mechanical joining device

Delete '(see figure 5)

Add 'NOTE See figure 5'

3.9

joining link

insert 'chain' before the word 'sling'

Delete '(see figures 1 to 4)

Add 'NOTE See figures 1 to 4'

3.10

intermediate link

Delete '(see figures 1 to 4)

EN 818-4:1996/prA1:2006 (E)

Add 'NOTE See figures 1 to 4'

3.11**manufacturing proof force (MPF) of a chain sling**

insert 'chain' before the word 'sling' *twice*

3.13**competent person**

Delete this definition

4 – Hazards

First paragraph – change 'life' to 'safety or health'

5th paragraph – change 'assemblies' to 'slings'

Last paragraph – change 'all the' to 'those hazards'

Table 1 – Hazards and associated requirements

Amend the following entry:

1.1.5 to 1.e,

5 – Safety requirements**5.2 – Design and construction**

Insert 'chain' before the word 'sling' and 'slings' throughout this clause

5.3 – Working load rating

Insert 'chain' before the word 'sling' and 'slings' throughout this clause

6 – Verification of safety requirements

Add new clause 6.1 and re-number subsequent clauses and cross references

'6.1 – Qualification of personnel'

'All testing and examinations shall be carried out by a competent person'

Table 3 – Working load limits

Delete the note.

7 – Marking

Insert 'chain' before the word 'sling' and 'slings' throughout this clause

7.1 - General

The text of this clause is replaced by:

'Each chain sling shall be marked in compliance with this clause. The information specified in 7.2 and 7.3 shall be marked on a substantial metal tag as shown in annex D or on a label permanently attached to the master link or to a link immediately adjacent to it.

NOTE The information may also be marked all or in part on the master link, provided that the mechanical properties of the link are not impaired.'

7.2a – delete the words '(see table 3)'

8 – Manufacturer's certificate

Insert 'chain' before the word 'sling' and 'slings' throughout this clause

9 – Instructions for use

Replace 'Instructions' by 'Information' in the clause title and first sentence.