

DIN EN 818-1

DIN

ICS 53.020.30

Supersedes
DIN EN 818-1:1996-08

**Short link chain for lifting purposes –
Safety –
Part 1: General conditions of acceptance (includes Amendment A1:2008)
English version of DIN EN 818-1:2008-12**

Kurzgliedrige Rundstahlketten für Hebezwecke –
Sicherheit –
Teil 1: Allgemeine Abnahmebedingungen (enthält Änderung A1:2008)
Englische Fassung DIN EN 818-1:2008-12

Document comprises 27 pages



Start of validity

This standard takes effect on 1 November 2008.

DIN EN 818-1:1996-08 may be used in parallel until 28 December 2009.

National foreword

Clause 5 of this standard includes safety requirements.

This standard has been prepared by Technical Committee CEN/TC 168 "Chains, ropes, webbing, slings and accessories – Safety" (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was the *Normenausschuss Rundstahlketten* (Round Steel Link Chains Standards Committee), Technical Committee NA 085-00-01 AA *Grundnormen für Rundstahlketten und Zubehör*.

For further information about the *Normenausschuss Rundstahlketten* (NRK), please refer to www.nrk.din.de.

This standard includes Amendment A1:2008 to EN 818-1:1996 and concretizes the basic requirements set out in Annex I of the EU Machinery Directive 98/37/EC (valid until 28 December 2009) and the new EU Machinery Directive 2006/42/EC which becomes applicable on 29 December 2009 relating to machinery to be placed on the EEA market, with the intent of simplifying the means of proving conformity with such requirements.

Once this standard is designated a harmonized standard in the Official Journal of the European Union, a manufacturer applying this standard may assume compliance with the requirements of the Machinery Directive (the so-called "presumption of conformity").

DIN EN 818 consists of the following parts, under the general title *Short link chain for lifting purposes — Safety*:

- *Part 1: General conditions of acceptance*
- *Part 2: Medium tolerance chain for chain slings — Grade 8*
- *Part 3: Medium tolerance chain for chain slings — Grade 4*
- *Part 4: Chain slings — Grade 8*
- *Part 5: Chain slings — Grade 4*
- *Part 6: Chain slings — Specification for information for use and maintenance to be provided by the manufacturer*
- *Part 7: Fine tolerance hoist chain, Grade T (Types T, DAT and DT)*

Amendments

This standard differs from DIN EN 818-1:1996-08 as follows:

- a) Reference to EN 292-2:1991/A1:1995 in Table 1 has been deleted.
- b) Subclause 6.1 "Qualification of personnel" has been added.
- c) Annex ZA (informative) "Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC" has been added.
- d) Annex ZB (informative) "Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC" has been added.

Previous editions

DIN 685: 1932-04, 1935-10, 1940-12, 1943-06, 1954-10, 1964-01, 1971-02

DIN 685-2: 1981-11

DIN 685-3: 1981-11

DIN 685-4: 1981-11

DIN 992: 1944-07

DIN EN 818-1: 1996-08