

Irish Standard I.S. EN 13411-7:2021

Terminations for steel wire ropes - Safety - Part 7: Symmetric wedge socket

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I.S. EN 13411-7:2021

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National Foreword

I.S. EN 13411-7:2021 is the adopted Irish version of the European Document EN 13411-7:2021, Terminations for steel wire ropes - Safety - Part 7: Symmetric wedge socket

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EUROPEAN STANDARD

EN 13411-7

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2021

ICS 21.060.70; 53.020.30; C

Supersedes EN 13411-7:2006+A1:2008

English Version

Terminations for steel wire ropes - Safety - Part 7: Symmetric wedge socket

Terminaisons pour câbles en acier - Sécurité - Partie 7 : Boîte à coin symétrique Endverbindungen für Drahtseile aus Stahldraht -Sicherheit - Teil 7: Symmetrische Seilschlösser

This European Standard was approved by CEN on 28 April 2021.

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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-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 13411-7:2021 (E)

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European foreword

This document (EN 13411-7:2021) 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of an identical text or by endorsement, at the latest by January 2022, and conflicting national standards shall be withdrawn at the latest by January 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13411-7:2006+A1:2008.

The main changes compared to the previous edition are listed below:

- a major change to 6.4;
- updates to standard references;
- coefficient of utilisation changed from 10:1 to 12:1 for lifting persons 5.4.1.

EN 13411 consists of the following parts:

- Part 1: Thimbles for steel wire rope slings;
- Part 2: Splicing of eyes for steel wire rope slings;
- Part 3: Ferrules and ferrule-securing;
- Part 4: Metal and resin socketing;
- Part 5: U-bolt wire rope grips;
- Part 6: Asymmetric wedge socket;
- Part 7: Symmetric wedge socket;
- Part 8: Swage terminals and swaging;
- Part 9: Solid thimbles.

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EN 13411-7:2021 (E)

Introduction

This European standard is a type C standard as stated in EN ISO 12100.

This part of this European standard has been prepared to provide a means of conforming with the essential safety requirements of the Machinery Directive and the Lift Directive and associated EFTA regulations.

The wedge socket concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this standard part of the standard.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards for symmetric wedge sockets that have been designed and produced according to the provisions of this type C standard.

Purchasers ordering to this standard are advised to specify in their purchasing contract that the supplier operates a quality assurance system applicable to the relevant part of this standard (e.g. EN ISO 9001) to ensure themselves that products claiming to comply consistently achieve the required level of quality.



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