

Steel cord conveyor belts - Part 2: Preferred belt types
(ISO 15236-2:2017)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 15236-2:2017 sisaldab Euroopa standardi EN ISO 15236-2:2017 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 15236-2:2017 consists of the English text of the European standard EN ISO 15236-2:2017.
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English Version

Steel cord conveyor belts - Part 2: Preferred belt types
(ISO 15236-2:2017)

Courroies transporteuses à câbles d'acier - Partie 2:
Types de courroies recommandées (ISO 15236-
2:2017)

Stahlseil-Fördergurte - Teil 2: Bevorzugte Gurttypen
(ISO 15236-2:2017)

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European foreword

This document (EN ISO 15236-2:2017) has been prepared by Technical Committee ISO/TC 41 “Pulleys and belts (including veebelts)” in collaboration with Technical Committee CEN/TC 188 “Conveyor belts” the secretariat of which is held by SNV.

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of an identical text or by endorsement, at the latest by July 2017, and conflicting national standards shall be withdrawn at the latest by July 2017.

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

This document supersedes EN ISO 15236-2:2004.

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Endorsement notice

The text of ISO 15236-2:2017 has been approved by CEN as EN ISO 15236-2:2017 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 3, *Conveyor belts*.

This second edition cancels and replaces the first edition (ISO 15236-2:2004), which has been technically revised.

A list of all the parts in the ISO 15236 series can be found on the ISO website.

Introduction

Steel cord conveyor belts are mainly long belts which are manufactured by joining several delivery lengths on the site. To achieve joints with a high dynamic capability from belts supplied by various manufacturers, it is necessary to standardize some features, e.g. thickness of carcass or cord pitch and cord diameter.

Steel cord conveyor belts —

Part 2: Preferred belt types

1 Scope

This document specifies preferred types of conveyor belts with steel cords in the longitudinal direction as reinforcement. The belt type series in this document are based on the general requirements for construction given in ISO 15236-1.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition indicated applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15236-1:2016, *Steel cord conveyor belts — Part 1: Design, dimensions and mechanical requirements for conveyor belts for general use*

ISO 15236-4, *Steel cord conveyor belts — Part 4: Vulcanized belt joints*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Symbols and units

For the purposes of this document, the symbols and the units given in [Table 1](#) apply.

Table 1 — Symbols and units

Symbol	Explanation	Unit
B	Belt width	mm
F_{bs}	Breaking strength of the cord taken from the cured belt	kN
K_N	Nominal breaking strength per width of belt	N/mm
b_K	Calculated edge width	mm
d	Cord diameter	mm
n	Number of cords	—
s	Cover thickness	mm
s_6	Carcass thickness	mm