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Steel wire ropes — Vocabulary, designation and classification

Câbles en acier — Vocabulaire, désignation et classification



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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Terms and definitions	1
3 Designation	25
4 Classification	33
Annex A (informative) Elements of a rope	38
Annex B (informative) Designation system	39
Alphabetical index	44

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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.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 17893 was prepared by Technical Committee ISO/TC 105, *Steel wire ropes*.

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Introduction

This International standard was developed in response to a worldwide demand for a specification covering terms and definitions associated with the design, manufacture and testing of steel wire rope, for a designation system which would provide manufacturers, purchasers and end users with a common method of describing a rope, and for a classification system which would enable ropes of similar construction and mechanical properties to be grouped together.

The designation and classification systems established here can be used for designating and classifying any steel wire rope construction.