

Conveyor chains, attachments and sprockets

ICS 53.040.20

National foreword

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A list of organizations represented on MCE/1 can be obtained on request to its secretary.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Conveyor chains, attachments and sprockets

Chaînes de manutention, plaques-attaches et roues dentées



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Foreword

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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.

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ISO 1977 was prepared by Technical Committee ISO/TC 100, *Chains and chain sprockets for power transmission and conveyors*.

This second edition cancels and replaces the first edition (ISO 1977:2000), Figures 2 and 5, as well as 5.4 and 5.5, of which have been technically revised.

Introduction

ISO 1977 combines into a single document ISO 1977-1, ISO 1977-2 and ISO 1977-3, which covered metric-series chains and attachments, and chain wheels, while at the same time revising their technical content.

The principle technical changes are: a reduction in the flanged roller dimensions and the width between outer plates in the MC series of chains, an increase in the width between inner plates in M-series, MC56, MC112 and MC224 chains, and the addition of the small roller diameter to the MC series. New information on the calculation of sprocket tip diameters and tooth heights above root diameters is also given.