
INTERNATIONAL STANDARD



1977 / III

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Conveyor chains, attachments and chain wheels — Part III : Attachments — Metric series

*Chaînes convoyeurs, plaques d'attache et roues pour chaînes — Partie III : Plaques d'attache —
Série métrique*

First edition — 1974-07-01

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 1997/III (originally ISO/DIS 2565) was drawn up by Technical Committee ISO/TC 100, *Chains and chain wheels for power transmission and conveyors*, and circulated to the Member Bodies in August 1972.

It has been approved by the Member Bodies of the following countries :

Australia	France	South Africa, Rep. of
Austria	Germany	Spain
Belgium	India	Sweden
Czechoslovakia	Ireland	Thailand
Egypt, Arab Rep. of	Japan	United Kingdom
Finland	Romania	U.S.A.

No Member Body expressed disapproval of the document.

© International Organization for Standardization, 1974 •

Printed in Switzerland

Conveyor chains, attachments and chain wheels — Part III : Attachments — Metric series

0 INTRODUCTION

This document forms part of ISO 1977, dealing with conveyor chains, attachments and chain wheels. Other parts are :

- Part I : *Chains — Metric series.*¹⁾
- Part II : *Chain wheels.*

1 SCOPE AND FIELD OF APPLICATION

This International Standard gives specifications for K attachments and deep plate attachments for use with conveyor chains conforming with the requirements of part I.

2 NOMENCLATURE

The nomenclature of these attachments is given in figures 1 and 2.

3 DIMENSIONS

3.1 The dimensions of K type attachments are given in table 1.

3.2 The dimensions of deep plate attachments are given in table 2. All other data, including chain breaking loads, are as given in part I.

4 TYPES

Three types of K attachment plates are given, having common dimensions as detailed in table 1, and designated as follows :

- K1 : with one attachment hole centrally disposed in each plate;
- K2 : with two attachment holes disposed in each plate as shown in figure 1;
- K3 : as K2 but with a third hole centrally positioned between the other two.

Attachments may be fitted on one or both sides of the chain.

5 MANUFACTURE (K ATTACHMENTS ONLY)

5.1 For convenience, the K attachments are illustrated in figure 1 as being manufactured from rolled steel angle section, but the actual construction is left to the discretion of the manufacturer and may be of integral form whereby the actual chain plates are bent over to form the platform.

5.2 The attachment length is left to the discretion of the manufacturer but should be sufficient to accommodate the attachment holes of the K2 attachment plate.

6 MARKING (INTEGRAL K AND DEEP PLATES)

The marking shall be in accordance with part I and be the same as would normally appear on the basic chain plates which they replace.

1) In preparation. (Revision of ISO/R 1977.)