

INTERNATIONAL STANDARD



3102

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

Wheels and castors — Off-set for swivel castors

Roues et roulettes de manutention — Déport pour roulettes à pivotement libre

First edition — 1974-06-01

STANDARDSISO.COM : Click to view the full PDF of ISO 3102:1974

UDC 621.868

Ref. No. ISO 3102-1974 (E)

Descriptors : handling equipment, castors, dimensions, specifications.

Price based on 1 page

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 3102 was drawn up by Technical Committee ISO/TC 110, *Industrial trucks*, and circulated to the Member Bodies in March 1973.

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

Austria	Mexico	Sweden
Belgium	Netherlands	Switzerland
Bulgaria	New Zealand	Thailand
Czechoslovakia	Poland	Turkey
France	Romania	United Kingdom
Germany	South Africa, Rep. of	U.S.S.R.
Ireland	Spain	Yugoslavia

No Member Body expressed disapproval of the document.

Wheels and castors — Off-set for swivel castors

1 SCOPE

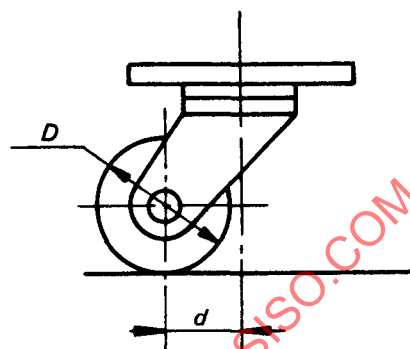
This International Standard specifies the off-set for swivel castors.

2 FIELD OF APPLICATION

This International Standard applies to industrial wheels used for non-powered equipment.

It does not cover wheels used for furniture and toys.

3 DIMENSIONS



Dimensions in millimetres

Diameter of wheel D	Off-set d	
	max.	min.
50	30	At least 20 % of diameter D
63	40	
80	50	
100	60	
125	70	
150	80	
160	85	
200	100	
250	115	
300	130	
350	140	
400	150	
500	170	

NOTE — For diameters greater than 200 mm, the maximum off-set of castors fitted with a suspension system may be increased to 55 % of the wheel diameter.