

International Standard



2329

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

Fork lift trucks — Fork arms — Dimensions

Chariots élévateurs à fourche — Bras de fourche — Dimensions

First edition — 1983-11-15

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UDC 621.868.277.3

Ref. No. ISO 2329-1983 (E)

Descriptors : handling equipment, lift trucks, fork trucks, fork arms, dimensions.

Price based on 3 pages

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (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 authorized 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 2329 was developed by Technical Committee ISO/TC 110, *Industrial trucks*, and was circulated to the member bodies in August 1981.

It has been approved by the member bodies of the following countries :

Australia	Germany, F. R.	Spain
Austria	India	Sweden
Belgium	Italy	Switzerland
Brazil	Korea, Rep. of	United Kingdom
Czechoslovakia	Netherlands	USSR
Egypt, Arab Rep. of	Poland	
France	Romania	

The member body of the following country expressed disapproval of the document on technical grounds :

Japan

This International Standard cancels and replaces Technical Report ISO/TR 2329-1977.

Fork lift trucks — Fork arms — Dimensions

1 Scope and field of application

This International Standard gives the recommended sizes of cross-sections and the length of blade of hook-on type fork arms complying with ISO 2328 (see ISO 2331 for the definition of terms).

2 References

ISO 2328, *Fork lift trucks — Hook-on type fork arms and fork carriers — Mounting dimensions.*

ISO 2330, *Fork lift trucks — Fork arms — Technical characteristics and testing.*

ISO 2331, *Fork lift trucks — Hook-on type fork arms — Vocabulary.*

3 Dimensions

NOTE — All dimensions in the tables are in millimetres.

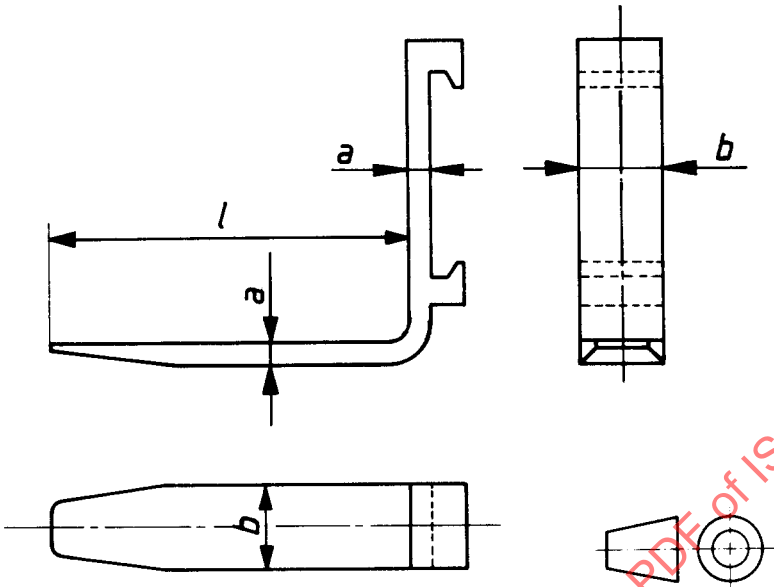


Figure — Hook-on type arm

3.1 Width and thickness

The width b and thickness a (see the figure) should be chosen, whenever possible, from the following series of recommended dimensions, in such a way that the complete fork arm meets the requirements of ISO 2330.

Basic width

b	80	100	120	130	140	150	160	180	200
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Basic thickness

a	25	30	35	40	45	50	60	70	80	90
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3.2 Cross-section

The recommended cross-sections are given in the following table :

a	b								
	80	100	120	130	140	150	160	180	200
25	x								
30	x	x							
35		x	x	x					
40		x	x	x	x				
45			x	x	x	x	x		
50			x	x	x	x	x	x	
60					x	x	x	x	x
70							x	x	x
80								x	x
90									x

x = Recommended cross-section.

3.3 Basic length

The length *l* (see the figure) of the blade of the fork arms should be in relation to the length of the loads to be handled. It should be chosen from the following series of preferred lengths :

<i>l</i>	750	800	900	950	1 000	1 050	1 150	1 200	1 350	1 500	1 600	1 650	1 800	2 000	2 400
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3.4 Other dimensional details

The dimensions of suspension hooks and their location on the fork shank are specified in ISO 2328.

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