
INTERNATIONAL STANDARD



3797

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

Shipbuilding — Vertical steel ladders

Construction navale — Échelles verticales en acier

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[ISO 3797:1976](#)

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Price based on 2 pages

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 3797 was drawn up by Technical Committee ISO/TC 8, *Shipbuilding*, and was circulated to the Member Bodies in June 1975.

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

Austria	Ireland	Spain
Belgium	Israel	Sweden
Brazil	Italy	Turkey
Bulgaria	Japan	United Kingdom
Czechoslovakia	Netherlands	U.S.S.R.
Finland	Romania	Yugoslavia
France	South Africa, Rep. of	

The Member Bodies of the following countries expressed disapproval of the document on technical grounds :

Germany
Poland

Shipbuilding – Vertical steel ladders

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the main dimensions and characteristics for vertical steel ladders to be fitted on board ships in small holds, between deck spaces, on masts, kingposts, trunks, deck-house tops, maintenance platforms and for similar applications.

NOTE – Vertical steel ladders in accordance with this International Standard are not suitable for use in large cargo tanks or holds for which there are special IMCO requirements.

2 DIMENSIONS

See figure and table below.

Dimensions in millimetres

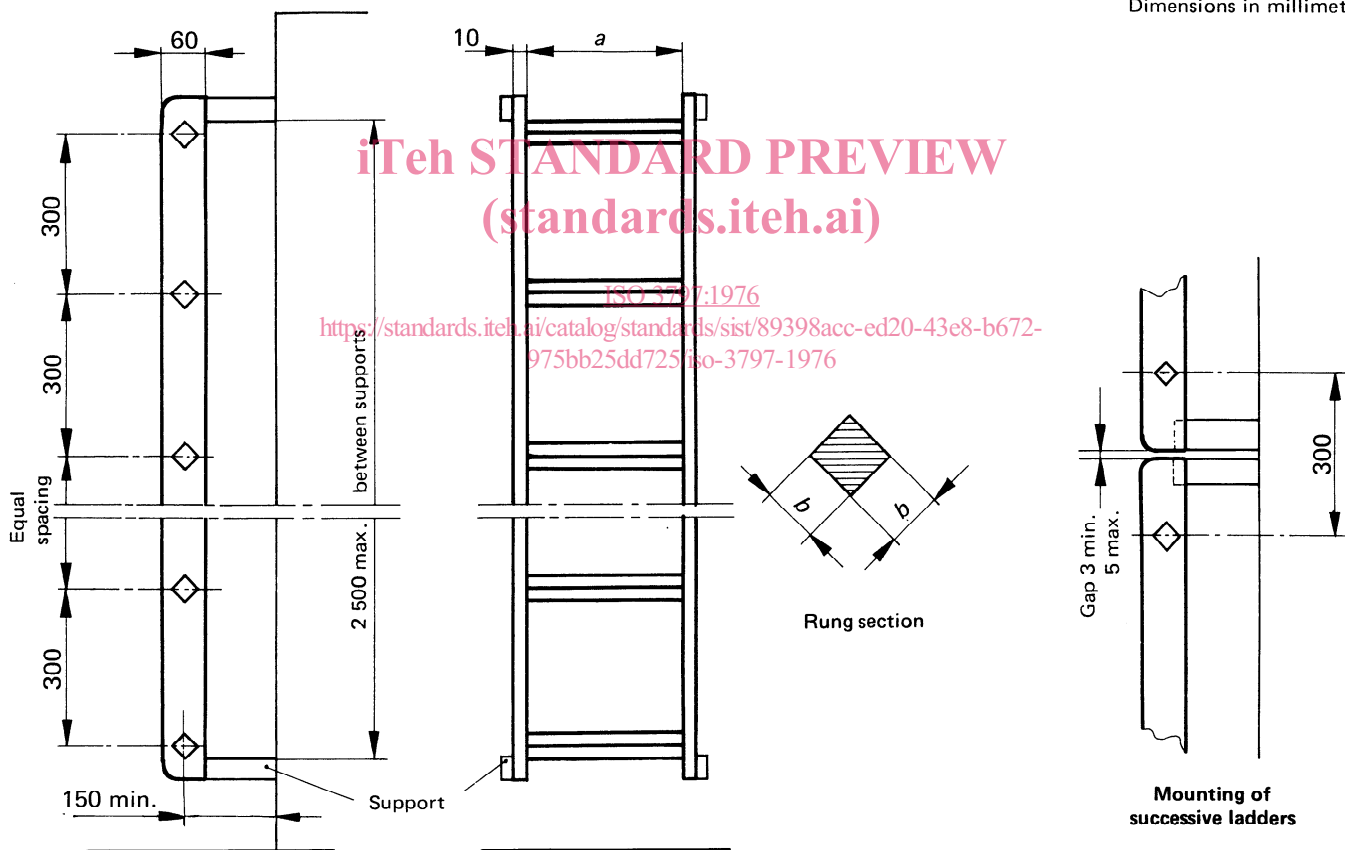


TABLE – Ladder width and rung sizes

Dimensions in millimetres

Width <i>a</i>	Rung size <i>b</i>
300	20
350	20
400	22

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3 MATERIAL

Weldable structural steel.

4 FABRICATION

The method of attachment of the rung to the stringers is the responsibility of the manufacturer. The attachment shall be of equivalent strength to that of the rung.

5 SUPPORTS

The method of support shall be adequate for sustaining the

imposed load. The length of the ladder between supports shall not exceed 2 500 mm, in order to reduce vibrations as much as possible.

6 FINISH

Ladders shall be free from defects likely to cause injury to persons using the ladders.

If required, the ladders shall be given a protective surface coating appropriate to location requirements.

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