
International Standard



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

Shipbuilding — Inland navigation — Cable-lifters for stud-link anchor chains

Construction navale — Navigation intérieure — Barbotins pour les chaînes d'ancre étançonnées

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Descriptors : shipbuilding, inland navigation, ships, ships anchors, chains, windlasses, dimensions, designation.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 21 was prepared by Technical Committee ISO/TC 8, *Shipbuilding and marine structures*.

ISO 21 was first published in 1983. This second edition cancels and replaces the first edition, the basic dimensions table of which has been revised technically.

Shipbuilding — Inland navigation — Cable-lifters for stud-link anchor chains

1 Scope and field of application

This International Standard specifies types and basic dimensions of cable-lifters for stud-link anchor chains used on inland vessels.

2 Reference

ISO 1704, *Shipbuilding — Stud-link anchor chains*.¹⁾

3 Types

Cable-lifters are identified in three types:

- A — with five snugs
- B — with six snugs
- C — with seven snugs

4 Dimensions

Basic dimensions of cable-lifters shall correspond to those indicated in the figure and in the table.

5 Materials

Cable-lifters shall be manufactured of materials meeting the requirements of classification societies.

6 Manufacture

6.1 Proper bedding of the cable in the cable-lifter remains the manufacturer's responsibility.

6.2 Proper functioning of the windlass cable-lifter is to be verified during the ship's anchor trials.

7 Designation

The designation of cable-lifters in accordance with this International Standard shall contain the following elements in the order given:

- a) name: cable-lifter;
- b) number of this International Standard: ISO 21;
- c) type: see clause 3;
- d) chain-link nominal diameter: see the table.

Example:

A cable-lifter in accordance with this International Standard with five snugs, chain-link nominal diameter $d = 16$ mm shall be designated as follows:

Cable-lifter ISO 21 - A16

1) At present at the stage of draft. (Revision of ISO 1704-1973.)